Volume:
1998
Fall Semester
2nd Edition

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UNIVERSITY OF MARYLAND

SCHEDULE OF CLASSES

FALL 1998 - EDITION 2

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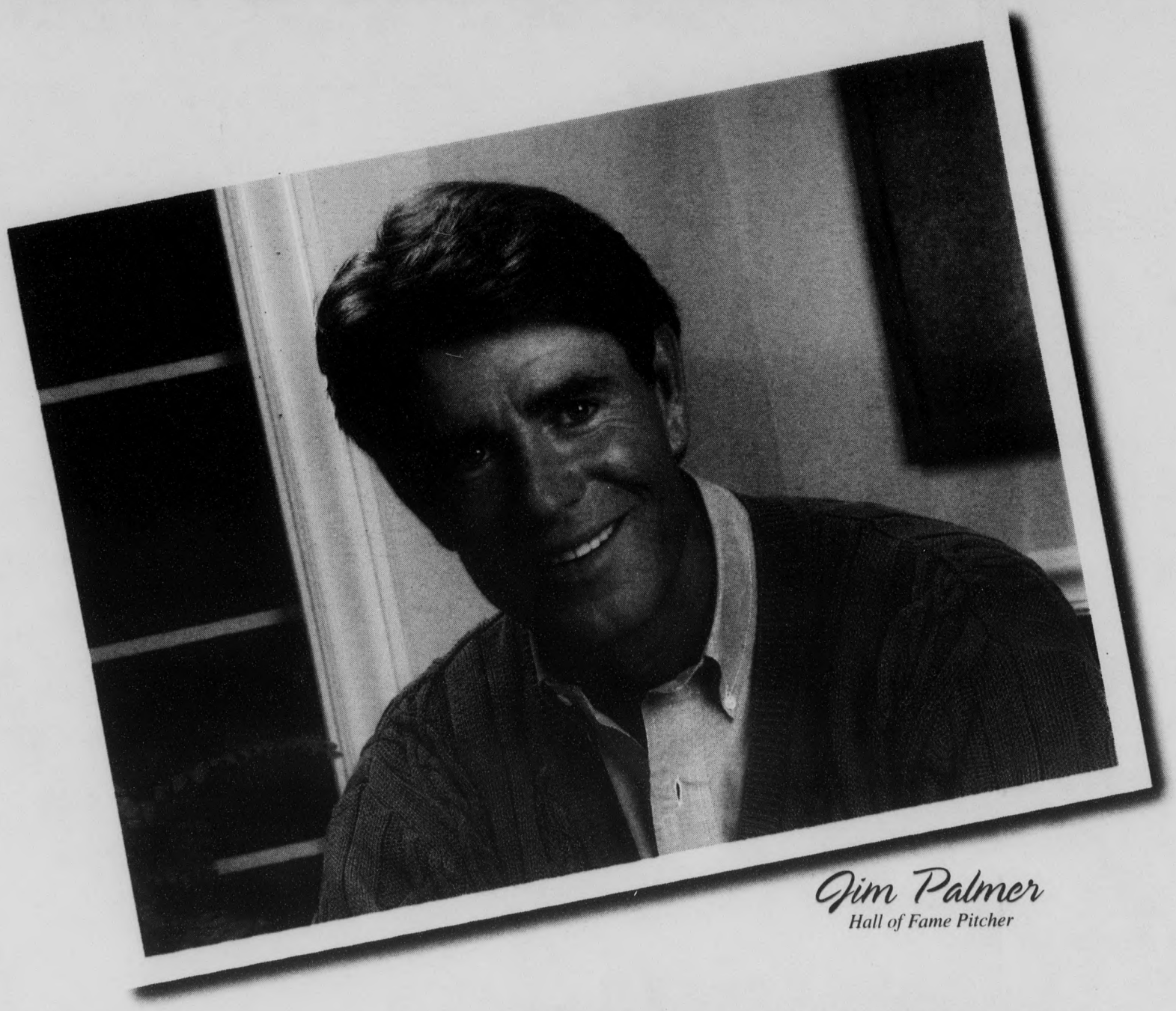

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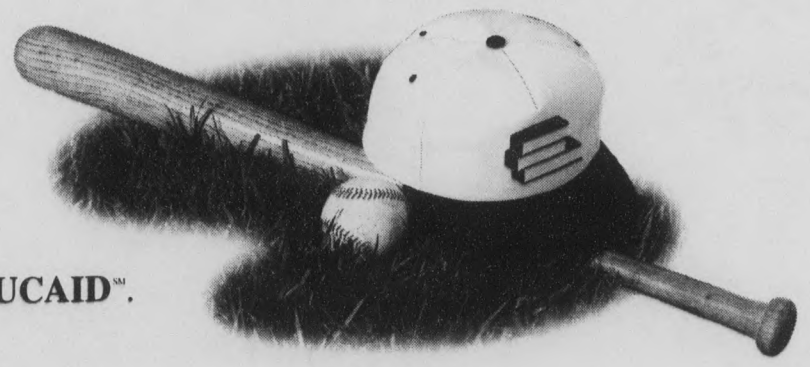

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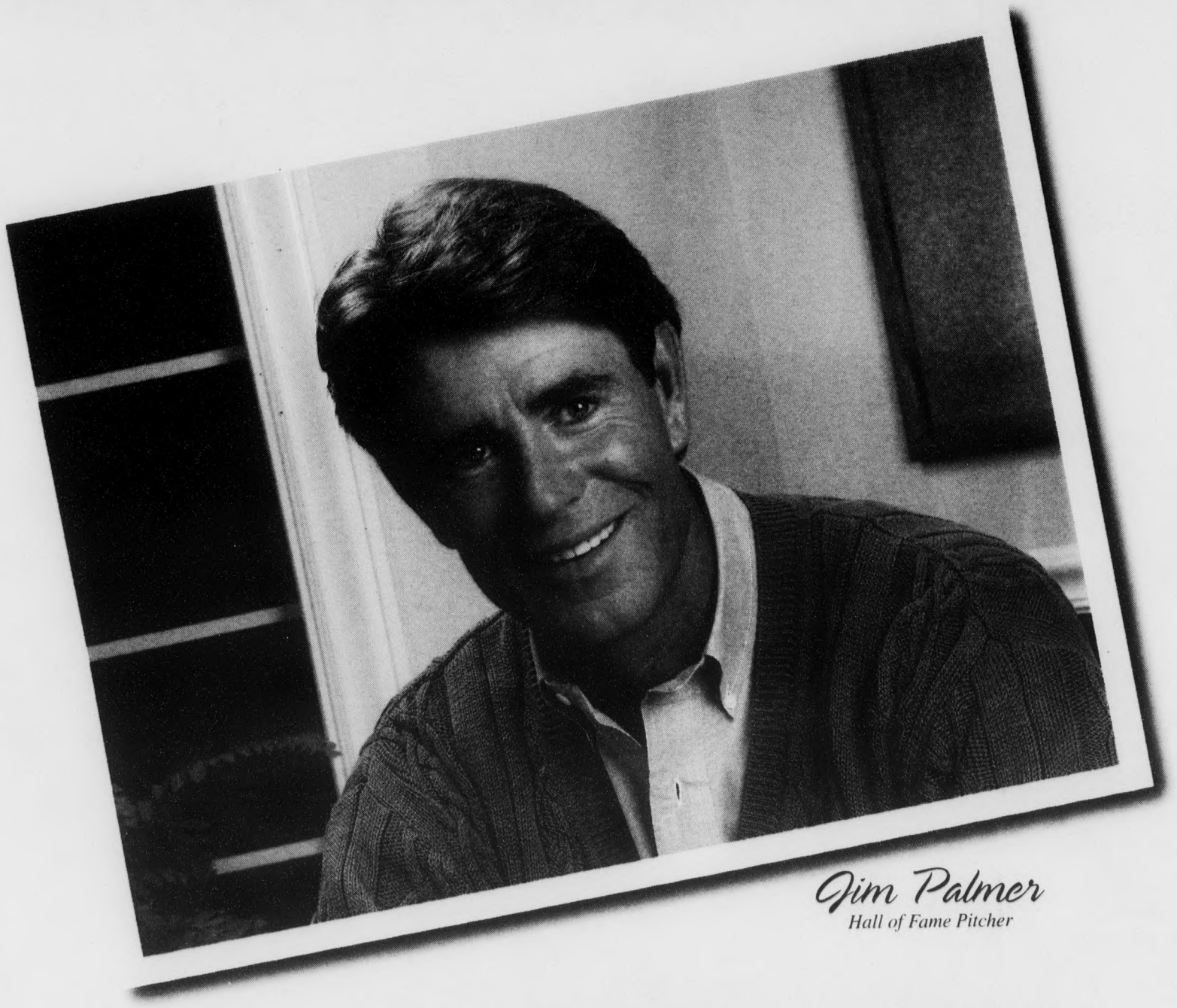

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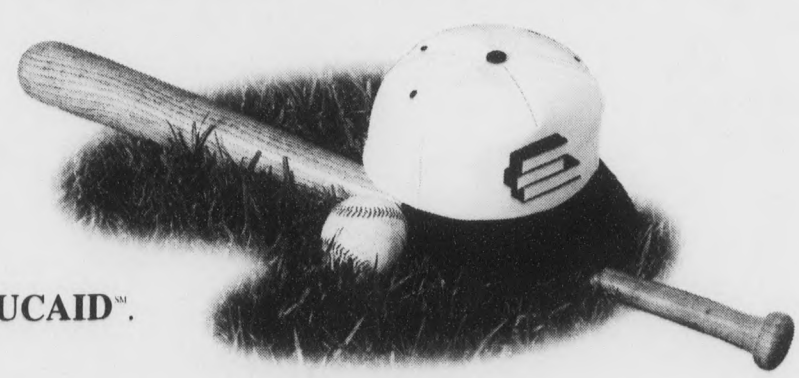

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4 INTRODUCTION

August

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TABLE OF CONTENTS

REGISTRATION INFORMATION

Academic Calendar 4
Dropping Courses (Graduate and part-time UG) 6
Faculty-Staff Registration 6
Graduate Student Registration and General Information 7
Graduate Students - Advising Requirements 8
How to Register for Fall 1998 5
MARS - Features; How to call MARS 9
MARS - Course Worksheet and Action Codes 11
Parking Registration Information 14
Schedule Adjustment Procedures 5
Teacher's Registration 6
Waitlist Information 10

EXAM SCHEDULE & DEADLINES

Cancellation of Registration 12
Candidates for December 1998 Graduation 12
Fall Semester Deadlines 13
Final Exam Schedule for Fall 15
Penalties for Drops 12
Reclassification to In-State Status 12

FINANCIAL INFORMATION

Billing Information 17
Cancellation of Residence Halls/Dining Services 17
Fees for the Fall Semester 16
Financial Aid 18
Leave of Absence 17
Refund Requests 12
Refund Schedule for Drops (Grad & part-time UG students) 12
Refunds for Special Courses 12
Tuition Remission Policy 17
Withdrawal from the University 17

LEARNING OPPORTUNITIES

Academic Information Technology Services 19
A. James Clark School of Engineering 19
Biosphere 2 21
College Park Scholars 19
Community Service Program 19
Consortium of Universities 19
First Year Focus Clusters 22-27
General Education Program - CORE 28-30
Golden ID 20
Inter-Institutional Registration 20
ROTC 20
Study Abroad 20-21
Maryland English Institute 20
URAP - Undergraduate Research Assistance Program 21
What's New and Interesting 31
World Courses 21

STUDENT SERVICES & GENERAL INFORMATION 32-35

ADVISING & ACADEMIC INFORMATION

Academic Advisors 37-38
Academic Progress Requirements 39
Advising Policy 41
College Organizational Chart 36
Course Numbering System 39
Foreign Language Placement 40
Full-time Status 40
Graduate Student Academic Information 7
Major Changes 40
Pass-Fail Grading Option 40
Repeat Policy 39-40
Zero-Level Courses 40

COURSE LISTING 42

CAMPUS MAP AND BUILDING CODES 58-59

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www.testudo.umd.edu - the site for many student services AND the most up-to-date course information.

MARS Kiosks are conveniently located around campus and offer a wide variety of University services. Open late every night!

Call MARS to register for your Campus Parking Permit.

Use Testudo for Drop & Add and Waitlist Check-In www.testudo.umd.edu

The Schedule of Classes is produced four times a year under the direction of the Office of Records and Registrations at the University of Maryland. For advertising information, please call 301-405-6777.

The **FIRST EDITION** of the Schedule of Classes is used only DURING EARLY REGISTRATION.

The **SECOND EDITION** of the Schedule of Classes should be used prior to the beginning of classes. The Second Edition reflects room, time and instructor changes made to course offerings since the First Edition was printed. It shows courses and/or sections added and omits courses and/or sections deleted since the First Edition. As they occur, revisions will be posted in the first floor of the Mitchell Building and are available on the World Wide Web on the Testudo Home Page. URL Address: http://www.testudo.umd.edu. Select Top Links and the Schedule of Classes.

The provisions of this publication are not to be regarded as an irrevocable contract between the student and the University of Maryland. Changes are effected from time to time in the general regulations, in fees, in class scheduling, and in the academic requirements.

REGISTRATION 5

Office of the Registrar
First floor Mitchell Building
Information: 301-314-8240
Testudo Interactive Student Services: www.testudo.umd.edu
MARS (Maryland Automated Registration System):
301-403-0500 TTY: 301-314-7816

FALL 1998

Registration and Schedule Adjustment

Currently enrolled, as well as newly admitted, readmitted and reinstated students can register or adjust their schedule for the Fall 1998 semester. Most students can choose from a variety of convenient registration services. There's interactive drop/add on the Testudo web site and MARS, the Maryland Automated Registration System, as well as MARS Kiosks and walk-in registration. See Step 1 below for services, dates, times and locations. Also read Steps 2 through 6 for other important registration information.

Some students have mandatory advising and other requirements that must be met before registering. If you are a new admit be sure to first read the information below. Reinstated students, athletes, IED and IA students, those on academic warning or dismissal, as well as other students, must meet with an advisor before registering or dropping and adding courses. See Steps 2 and 3 below for specific instructions.

Newly Admitted Students: New students must attend an Orientation program where they will be advised, then register for fall courses. Call the Orientation Office at 301-314-8217 to sign up for an Orientation session. Note that the University of Maryland requires all new students to provide documentation of measles, mumps and rubella, and tetnas/diphtheria. It is the student's responsibility to provide information to the University Health Center prior to the beginning of the semester. This requirement is mandatory. Newly admitted students who miss Orientation will not be permitted to register until August 31, 1998. All newly admitted students must meet with an advisor prior to registration. Contact the undergraduate advising office in your college for advisor assignment and appointment. After advising you can register beginning August 31, 1998 using any of the registration services in Step 1 below.

Graduate Students: See Step 1 for Registration and Schedule Adjustment dates, times and services. Page 7 outlines graduate student registration and academic information, as well as graduate student deadlines.

STEP 1. USE ONE OF THE SERVICES BELOW FOR REGISTRATION, SCHEDULE ADJUSTMENT & WAITLIST CHECK-IN

Registration and Drop/Add

- **Testudo - Interactive Student Services on the Web:** www.testudo.umd.edu. Use Testudo for schedule adjustment at your convenience. Select Records and Registrations link for a full list of services.
- **Call MARS** - the Maryland Automated Registration System at 301-403-0500 during the hours listed and see page 9-11 for MARS instructions.
  Monday - Saturday ..... 7:30 a.m. - 11:00 p.m.
  Sunday ..... 5:00 p.m. - 11:00 p.m.
- **Walk-In Registration and Schedule Adjustment**
  Monday - Friday ..... 9:00 - 11:30 a.m.; 1:00 - 4:30 p.m.
  Now through August 27th ..... Student Services, Room 1101 Mitchell Bldg.
  August 28th through September 2nd* ..... Main floor, Reckord Armory
  September 3rd through September 14th ..... Student Services, Room 1101 Mitchell Bldg.
  *subject to change
- **MARS Kiosks:** Located in the Mitchell Building, Ellicott Dining Hall, the Stamp Union and Van Munching Hall. Use Kiosks for a variety of services including drop/add and waitlist check-in. Kiosks are open daily 7:30 a.m. until 11:00 p.m.

MESSAGE BOARD

Graduating this December? If so PLEASE NOTE!!

December Commencement has been changed to Sunday, December 20th. Please contact the Office of the Registrar at 301-314-8240 if you have any questions.

New Ways to get your Grades this Fall Semester!

Find out your Fall 1998 grades faster — use Testudo, MARS or a Kiosk. Just use your student number and PIN, and as soon as your grades are processed, they will be available electronically. Data is updated daily. Note — we won't be mailing grade reports any longer, but if you would like to request a copy be sent use Testudo or call MARS. Official Transcripts are always available free of charge. See page 23, Transcript Services, for details.

Waitlist Check-In

If you are on the waitlist for a course you must check-in on the first day of classes, August 31st. This is the mandatory check-in date. If you are still on the waitlist after mandatory check-in you must then call daily during regular check-in beginning September 1st to remain on the waitlist. Waitlist check-in is available through Testudo, MARS, MARS Kiosks and at the walk-in locations below. See page 10 for more waitlist information. Remember - you must first check-in on the first day of classes to remain on the waitlist.

Testudo Waitlist Check-In. www.testudo.umd.edu. Now through September 15th. Select the Records and Registration link from the main menu, then Waitlist Check-In.

MARS Waitlist Check-In. Call MARS at 301-403-0500 now through September 15th.
Monday - Saturday ..... 7:30 a.m. - 11:00 p.m.
Sunday ..... 5:00 p.m. - 11:00 p.m.

Walk-In Waitlist Check-In
Monday - Friday ..... 8:45 - 11:45 a.m.; 1:00 - 4:15 p.m.
August 31st - September 2nd ..... Main floor, Reckord Armory
September 3rd - 15th ..... Student Services, Room 1101 Mitchell Bldg.
Notes: ● The Schedule Adjustment Period ends September 14, 1998 at 4:30 p.m.
● The University will be closed September 2nd for the Labor Day Holiday.

STEP 2: CHECK REGISTRATION BLOCKS:

Use MARS, Testudo (www.testudo.umd.edu) or a MARS Kiosk to find out if you have any advising requirements or outstanding financial or academic blocks. Note - all blocks must be cleared before registering.

If calling MARS (301-403-0500) select 1 for Registration Activities, then 6 for Registration and Appointment Status. At MARS Kiosks select the Registration Blocks option.

STEP 3: MAKE ADVISING APPOINTMENT IF NECESSARY AND RESOLVE ANY BLOCKS.

Advising is required for some students and highly recommended for all students. Advising is mandatory prior to registering for students in certain majors, students on academic warning or dismissal, student athletes, IED students, IA students and students who still need to fulfill fundamental studies requirements (Check your appointment status for blocks - see Step 2). Set up an appointment to see an advisor as soon as possible. A list of advisors begins on page 37. Advising blocks must be cleared before registering.

Registration Blocks - If you have any registration blocks they must be resolved before your registration appointment. Students owing money to the University are not eligible to register until they clear their accounts. Contact the Office of the Bursar, Room 1135 Lee Building, 301-405-9041.

Fundamental Studies Blocks: Students who have completed 30 credits, but not yet satisfied the Fundamental Math and English requirements should contact their college office to discuss a temporary extension. Students registering for the required courses in lieu of requesting a waiver must register in person.

STEP 4: CHECK ON COURSE AVAILABILITY

Is the course open? Don't wait until you are ready to register to find out. Use one of the services below to check on course availability.

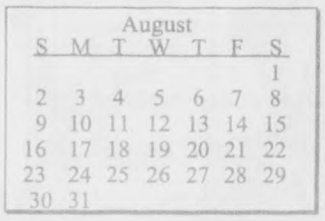
- **VENUS** - and easy to use, but powerful course scheduler on the web. Access VENUS through www.testudo.umd.edu and select Records and Registrations.
- **MARS Section Status** - call MARS at 301-403-0500, select registration activities, then section status.
- **Schedule of Classes** on the web for up-to-the-minute course and waitlist data - www.testudo.umd.edu. Select Records and Registration, Schedule of Classes, then semester.
- **SEATS** - another course planning tool that can be accessed through the campus network - UMDNET. Select SEATS from the menu options at any campus WAM labs or dial in remotely using telnet seats.umd.edu.

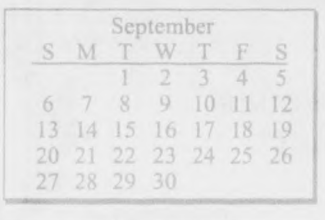
STEP 5 :OBTAIN SPECIAL PERMISSIONS

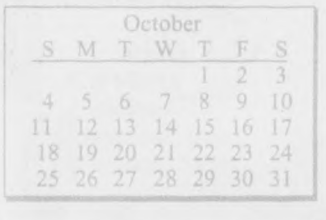
Some courses may have specific requirements, pre-requisites or require special permission. All special permission and advising requirements must be met before registering. Colleges and departments can use the Electronic Stamp (see next page) to grant special permissions electronically, however, after receiving permission you must still process a registration for the course either by calling MARS, using Testudo, or in-person.

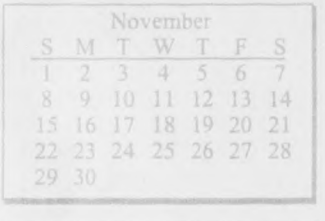
Course restrictions - are listed with the individual course listing (in this Schedule of Classes and on Testudo). Some courses are open to majors only, others have GPA or cumulative credit requirements. Courses with PermReq to the left of the course listings require permission from the department offering the course prior to registering.

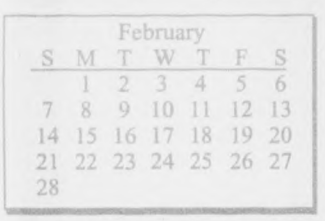
4 INTRODUCTION











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MARS - Course Worksheet and Action Codes 11
Parking Registration Information 14
Schedule Adjustment Procedures 5
Teacher's Registration 6
Waitlist Information 10

EXAM SCHEDULE & DEADLINES

Cancellation of Registration 12
Candidates for December 1998 Graduation 12
Fall Semester Deadlines 13
Final Exam Schedule for Fall 15
Penalties for Drops 12
Reclassification to In-State Status 12

FINANCIAL INFORMATION

Billing Information 17
Cancellation of Residence Halls/Dining Services 17
Fees for the Fall Semester 16
Financial Aid 18
Leave of Absence 17
Refund Requests 12
Refund Schedule for Drops (Grad & part-time UG students) 12
Refunds for Special Courses 12
Tuition Remission Policy 17
Withdrawal from the University 17

LEARNING OPPORTUNITIES

Academic Information Technology Services 19
A. James Clark School of Engineering 19
Biosphere 2 21
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First Year Focus Clusters 22-27
General Education Program - CORE 28-30
Golden ID 20
Inter-Institutional Registration 20
ROTC 20
Study Abroad 20-21
Maryland English Institute 20
URAP - Undergraduate Research Assistance Program 21
What's New and Interesting 31
World Courses 21

STUDENT SERVICES & GENERAL INFORMATION 32-35

ADVISING & ACADEMIC INFORMATION

Academic Advisors 37-38
Academic Progress Requirements 39
Advising Policy 41
College Organizational Chart 36
Course Numbering System 39
Foreign Language Placement 40
Full-time Status 40
Graduate Student Academic Information 7
Major Changes 40
Pass-Fail Grading Option 40
Repeat Policy 39-40
Zero-Level Courses 40

COURSE LISTING 42

CAMPUS MAP AND BUILDING CODES 58-59

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The Schedule of Classes is produced four times a year under the direction of the Office of Records and Registrations at the University of Maryland. For advertising information, please call 301-405-6777.

The **FIRST EDITION** of the Schedule of Classes is used only DURING EARLY REGISTRATION.

The **SECOND EDITION** of the Schedule of Classes should be used prior to the beginning of classes. The Second Edition reflects room, time and instructor changes made to course offerings since the First Edition was printed. It shows courses and/or sections added and omits courses and/or sections deleted since the First Edition. As they occur, revisions will be posted in the first floor of the Mitchell Building and are available on the World Wide Web on the Testudo Home Page. URL Address: http://www.testudo.umd.edu. Select Top Links and the Schedule of Classes.

The provisions of this publication are not to be regarded as an irrevocable contract between the student and the University of Maryland. Changes are effected from time to time in the general regulations, in fees, in class scheduling, and in the academic requirements.

REGISTRATION 5

Office of the Registrar
First floor Mitchell Building
Information: 301-314-8240
Testudo Interactive Student Services: www.testudo.umd.edu
MARS (Maryland Automated Registration System):
301-403-0500 TTY: 301-314-7816

FALL 1998

Registration and Schedule Adjustment

Currently enrolled, as well as newly admitted, readmitted and reinstated students can register or adjust their schedule for the Fall 1998 semester. Most students can choose from a variety of convenient registration services. There's interactive drop/add on the Testudo web site and MARS, the Maryland Automated Registration System, as well as MARS Kiosks and walk-in registration. See Step 1 below for services, dates, times and locations. Also read Steps 2 through 6 for other important registration information.

Some students have mandatory advising and other requirements that must be met before registering. If you are a new admit be sure to first read the information below. Reinstated students, athletes, IED and IA students, those on academic warning or dismissal, as well as other students, must meet with an advisor before registering or dropping and adding courses. See Steps 2 and 3 below for specific instructions.

Newly Admitted Students: New students must attend an Orientation program where they will be advised, then register for fall courses. Call the Orientation Office at 301-314-8217 to sign up for an Orientation session. Note that the University of Maryland requires all new students to provide documentation of measles, mumps and rubella, and tetnas/diphtheria. It is the student's responsibility to provide information to the University Health Center prior to the beginning of the semester. This requirement is mandatory. Newly admitted students who miss Orientation will not be permitted to register until August 31, 1998. All newly admitted students must meet with an advisor prior to registration. Contact the undergraduate advising office in your college for advisor assignment and appointment. After advising you can register beginning August 31, 1998 using any of the registration services in Step 1 below.

Graduate Students: See Step 1 for Registration and Schedule Adjustment dates, times and services. Page 7 outlines graduate student registration and academic information, as well as graduate student deadlines.

STEP 1. USE ONE OF THE SERVICES BELOW FOR REGISTRATION, SCHEDULE ADJUSTMENT & WAITLIST CHECK-IN

Registration and Drop/Add

- **Testudo - Interactive Student Services on the Web:** www.testudo.umd.edu. Use Testudo for schedule adjustment at your convenience. Select Records and Registrations link for a full list of services.
- **Call MARS** - the Maryland Automated Registration System at 301-403-0500 during the hours listed and see page 9-11 for MARS instructions.
  Monday - Saturday ..... 7:30 a.m. - 11:00 p.m.
  Sunday ..... 5:00 p.m. - 11:00 p.m.
- **Walk-In Registration and Schedule Adjustment**
  Monday - Friday ..... 9:00 - 11:30 a.m.; 1:00 - 4:30 p.m.
  Now through August 27th ..... Student Services, Room 1101 Mitchell Bldg.
  August 28th through September 2nd* ..... Main floor, Reckord Armory
  September 3rd through September 14th ..... Student Services, Room 1101 Mitchell Bldg.
  *subject to change
- **MARS Kiosks:** Located in the Mitchell Building, Ellicott Dining Hall, the Stamp Union and Van Munching Hall. Use Kiosks for a variety of services including drop/add and waitlist check-in. Kiosks are open daily 7:30 a.m. until 11:00 p.m.

MESSAGE BOARD

Graduating this December? If so PLEASE NOTE!!

December Commencement has been changed to Sunday, December 20th. Please contact the Office of the Registrar at 301-314-8240 if you have any questions.

New Ways to get your Grades this Fall Semester!

Find out your Fall 1998 grades faster — use Testudo, MARS or a Kiosk. Just use your student number and PIN, and as soon as your grades are processed, they will be available electronically. Data is updated daily. Note — we won't be mailing grade reports any longer, but if you would like to request a copy be sent use Testudo or call MARS. Official Transcripts are always available free of charge. See page 23, Transcript Services, for details.

Waitlist Check-In

If you are on the waitlist for a course you must check-in on the first day of classes, August 31st. This is the mandatory check-in date. If you are still on the waitlist after mandatory check-in you must then call daily during regular check-in beginning September 1st to remain on the waitlist. Waitlist check-in is available through Testudo, MARS, MARS Kiosks and at the walk-in locations below. See page 10 for more waitlist information. Remember - you must first check-in on the first day of classes to remain on the waitlist.

Testudo Waitlist Check-In. www.testudo.umd.edu. Now through September 15th. Select the Records and Registration link from the main menu, then Waitlist Check-In.

MARS Waitlist Check-In. Call MARS at 301-403-0500 now through September 15th.
Monday - Saturday ..... 7:30 a.m. - 11:00 p.m.
Sunday ..... 5:00 p.m. - 11:00 p.m.

Walk-In Waitlist Check-In
Monday - Friday ..... 8:45 - 11:45 a.m.; 1:00 - 4:15 p.m.
August 31st - September 2nd ..... Main floor, Reckord Armory
September 3rd - 15th ..... Student Services, Room 1101 Mitchell Bldg.
Notes: ● The Schedule Adjustment Period ends September 14, 1998 at 4:30 p.m.
● The University will be closed September 2nd for the Labor Day Holiday.

STEP 2: CHECK REGISTRATION BLOCKS:

Use MARS, Testudo (www.testudo.umd.edu) or a MARS Kiosk to find out if you have any advising requirements or outstanding financial or academic blocks. Note - all blocks must be cleared before registering.

If calling MARS (301-403-0500) select 1 for Registration Activities, then 6 for Registration and Appointment Status. At MARS Kiosks select the Registration Blocks option.

STEP 3: MAKE ADVISING APPOINTMENT IF NECESSARY AND RESOLVE ANY BLOCKS.

Advising is required for some students and highly recommended for all students. Advising is mandatory prior to registering for students in certain majors, students on academic warning or dismissal, student athletes, IED students, IA students and students who still need to fulfill fundamental studies requirements (Check your appointment status for blocks - see Step 2). Set up an appointment to see an advisor as soon as possible. A list of advisors begins on page 37. Advising blocks must be cleared before registering.

Registration Blocks - If you have any registration blocks they must be resolved before your registration appointment. Students owing money to the University are not eligible to register until they clear their accounts. Contact the Office of the Bursar, Room 1135 Lee Building, 301-405-9041.

Fundamental Studies Blocks: Students who have completed 30 credits, but not yet satisfied the Fundamental Math and English requirements should contact their college office to discuss a temporary extension. Students registering for the required courses in lieu of requesting a waiver must register in person.

STEP 4: CHECK ON COURSE AVAILABILITY

Is the course open? Don't wait until you are ready to register to find out. Use one of the services below to check on course availability.

- **VENUS** - and easy to use, but powerful course scheduler on the web. Access VENUS through www.testudo.umd.edu and select Records and Registrations.
- **MARS Section Status** - call MARS at 301-403-0500, select registration activities, then section status.
- **Schedule of Classes** on the web for up-to-the-minute course and waitlist data - www.testudo.umd.edu. Select Records and Registration, Schedule of Classes, then semester.
- **SEATS** - another course planning tool that can be accessed through the campus network - UMDNET. Select SEATS from the menu options at any campus WAM labs or dial in remotely using telnet seats.umd.edu.

STEP 5 :OBTAIN SPECIAL PERMISSIONS

Some courses may have specific requirements, pre-requisites or require special permission. All special permission and advising requirements must be met before registering. Colleges and departments can use the Electronic Stamp (see next page) to grant special permissions electronically, however, after receiving permission you must still process a registration for the course either by calling MARS, using Testudo, or in-person.

Course restrictions - are listed with the individual course listing (in this Schedule of Classes and on Testudo). Some courses are open to majors only, others have GPA or cumulative credit requirements. Courses with PermReq to the left of the course listings require permission from the department offering the course prior to registering.

6 REGISTRATION

Actions Requiring College Approval: All college offices have access to the Electronic Stamp and can enter special permissions directly into the registration system. Exceptions to any of the restrictions listed below require college approval prior to registering. Remember to register for the course (either through testudo, by calling MARS or in-person) after obtaining any special permissions.

Maximum Credit Limit: Undergraduate students are generally limited to registering for 16 credits prior to August 31st, 1998. Students can then register for a maximum of 19 credits. Requests to register for over 16 credits prior to August 31st, 1998 require special permission. Permission to take over 19 credits always requires college approval.

CORE Restriction: Students with over 90 cumulative credits are restricted to registering for only one CORE course until August 31st, 1998. Any exceptions require college approval. Check Pages 28-30 to determine the CORE status of a course.

Graduate Level Courses: Undergraduates requesting graduate level courses (those numbered 500 and above) require college approval.

Time conflicts: Time conflicts are not permitted. All exceptions require college approval.

Pass/Fail Grading Method: See page 40 for Pass/Fail option requirements for undergraduate students.

Re-registering for the same course: Students are limited to the number of times they can register for a course. NO MORE THAN TWO REGISTRATIONS are permitted for any one course. Each time a course is dropped with a mark of "W" it will be counted as a registration.

Electronic Stamp: the Electronic Stamp was developed to allow offices to grant special permissions and approvals via computer. Once permission is entered the permission or block is lifted, allowing the student to register. Colleges, departments, and the Registrar's Office have access to the electronic stamp. Electronic stamp permissions are valid whether registration is in-person, through MARS or Testudo, or at a MARS Kiosk. Note that after obtaining permission students must still process a registration for the course(s). For students registering in-person, special permissions can be granted on registration forms or through the electronic stamp process. Turn in forms at Student Services, Room 1101 Mitchell Bldg., or at the Reckord Armory, August 28th through September 2nd.

STEP 6: COMPLETE REGISTRATION FORM AND REGISTER

Prior to registering or adjusting your schedule make sure that all special permissions and advising requirements have been met. Be prepared with alternate sections. After completing the steps above use one of the services below. See STEP 1 for dates and times.

Testudo web site- www.testudo.umd.edu
Use the Records and Registration link for access to a variety of services for dropping and adding classes, viewing your unofficial transcript, the Schedule of Classes, Venus course scheduler and more. Have course requests and alternate selections available.

MARS-The Maryland Automated Registration System- 301-403-0500
Registration and schedule adjustment by touch-tone phone, checking your appointment status, paying your tuition and applying for a campus parking permit are some of the services on MARS. Call during MARS operating hours: Monday - Friday 7:30 a.m. to 11:00 p.m. and Sunday 5:00 p.m. to 11:00 p.m.

Walk-In Registration
Complete a registration form prior to registering at Student Services, Room 1101 Mitchell Bldg., or the Reckord Armory, August 28th through September 2nd.

STEP 7: AFTER YOU REGISTER

Waitlists: If a course is closed when you register, the waitlist option may be offered. See waitlist dates and times in Step 1. Also read information on page 10 for waitlist procedures.

Billing information: Bills for tuition and fees will be mailed to students that registered August 7th, 1998 and before for Fall courses. No bill is mailed for students who register August 8th and after. All charges incurred after August 7th through September 9th are due on September 9th without exception. Call MARS (select Financial Information) check Testudo or Kiosks, or contact the Student Financial Services center to verify the amount owed.

Payment in full must be made by the dates below. See pages 16-18 for additional information.

If you registered:	**Payment in full is due:**
by July 10, 1998	August 7, 1998
between July 11, 1998 and August 7, 1998	September 4, 1998
after August 7, 1998	in person by September 9, 1998

ID Cards: Students needing photo ID and/or a Registration Card must present proof of bill payment at the Registration Counter, first floor lobby, Mitchell Building, Monday- Friday 8:30 a.m. - 4:30 p.m.

Faculty/Staff Registration and Remission of Tuition

Faculty and staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below.

STEP 1: If necessary, contact the appropriate admissions office:

Undergraduate Admissions	Ground floor Mitchell Building	301-314-8385
Graduate Admissions	2nd Floor Lee Building	301-405-4198
Non-degree seeking faculty	Contact Jeff Bowling, 1101 Mitchell Bldg.	301-314-8239

Note: Registration is on a space available basis.

STEP 2: Contact department representative responsible for processing Tuition Remission Forms. Complete the forms and make sure they are forwarded to the Personnel Services Department, Room 1101 Chesapeake Building.

Tuition Remission: Every semester an approved Tuition Remission form must be turned in to the College Park Personnel Services Department - Staff Benefits Office in order to receive credit on the student bill for courses taken by faculty and staff. The authorizing department will forward this form directly to Personnel Services. Check with your department to insure that the proper forms have been submitted before the deadlines below. Tuition remission benefits are administered in accordance with University Policy. If you have questions regarding tuition remission call the Staff Benefits Office at 301-405-5658.

Fall 1998 Tuition Remission Forms must be submitted by:

August 7, 1998 for students registering August 7, 1998 and earlier
August 28, 1998 for students registering August 7, 1998 and later

Note: All Forms Must Be Submitted and accounts settled in full by August 28, 1998.

STEP 3: Follow appropriate Registration Procedures.

Undergraduate Students	read page 5-6
Graduate Students	read page 7-8

Contact the Registrar's office at 301-314- 8240 if you have any questions.

Teacher's Registration

Teachers who have previously been admitted to the University of Maryland as either graduate or undergraduates, and who were enrolled for Spring 1998 can register for Fall 1998. Teachers not enrolled during Spring 1998 follow appropriate directions below.

Undergraduate Students - Apply for readmission at the Office of Undergraduate Admissions, ground floor, Mitchell Building 301-314-8382.

Graduate Students - Check with Graduate School Admissions, 301-405-4198, to determine eligibility. Graduate school offices are located on the 2nd floor of the Lee Building. 301-405-4198. Also see page 7 for Graduate registration procedures and deadlines.

Dropping Courses & Refund Information

Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged for courses by the credit hour. If the course is dropped the first day of classes and later, (August 31st and later), a percentage charge and/or complete charge for the course will be imposed.

1. August 30th or earlier (prior to the first day of classes) — 100% refund
   There will be no charge for courses dropped prior to this date.
2. August 31st - September 4th (during the first five days of classes) — 80% refund
   There will be a 20% charge imposed for courses dropped during this period.
3. September 5th and after (anytime after the first five days of classes) — 0 % refund
   There will be no refund; students incur the full charge for courses dropped during this period.

IMPORTANT NOTES:

First ten days of classes (from August 31st - September 14th): Students will not be charged to drop and add a course if they are of equal credit value, for example dropping CHEM 678 and adding CHEM 691 (both three credit courses), and if they are processed on the same day. This is considered an even exchange. Remember, to avoid additional charges when dropping and adding, BOTH the drop and the add must be done during the same day. The total number of credits dropped and added must be equal. *Note: Courses taken at Shady Grove are not considered in even exchange calculations.*

After the first ten days of classes (September 15th and later): Even exchanges of dropped and added credits will not be accepted. ***Courses added and dropped after the 10th day of classes will be charged as follows: there will be no refund for the drop, and 100% charge per credit for any adds.***

GRAD STUDENT INFORMATION 7

Graduate Student Registration Procedures

ALL GRADUATE STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF MARS OR THE MAIL-IN REGISTRATION PROCEDURE. EARLY REGISTRATION CONTINUES THROUGH AUGUST 7, 1998. EACH DEPARTMENT/PROGRAM WILL CONTROL THE DISTRIBUTION OF MATERIALS FOR GRADUATE STUDENTS. CURRENTLY ENROLLED GRADUATE STUDENTS SHOULD HAVE RECEIVED A POSTCARD NOTIFYING THEM ABOUT REGISTRATION PROCEDURES.

NOTE: Financially ineligible graduate students must adhere to the following procedures prior to registration:

1. Complete bill payments at the Bursar's office, Room 1135 Lee Building, or call MARS at 301-403-0500 if paying by credit card.
2. Obtain a Financial Clearance from the Bursar's office.
3. Take the clearance to your department to pick up registration materials. Include a copy of clearance form with schedule request form.

Most Graduate Students are eligible to use Testudo (www.testudo.umd.edu) orMARS for their initial registration or schedule adjustments. See the MARS worksheet on page 11 for instructions.

REGISTRATION STEPS:

STEP 1—Review the chart on page 8 to determine departmental requirements based on status as a newly admitted or returning graduate student.

NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Fall 1998.

RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Spring 1998.

STEP 2—If advising is mandatory, (see page 8) or needed, contact the department to arrange an appointment. If no advising is required, student must contact the department about distribution of schedule request form and transcript.

STEP 3—Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 42, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registration for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have cumulative credit requirements. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization). Students should be sure they have authorization prior to registering.

STEP 4—Complete Graduate Schedule Request Form and register at the Registrar's Office, by calling MARS at 301-403-0500 or through Testudo at www.testudo.umd.edu.

NOTE: *If the department permits, students may return the form directly to the Registrar's Office by mail through August 7, 1998, or in-person through September 14, 1998. Note however, that late registration begins August 31, 1998.*

Office of the Registrar
Room 1101 Mitchell Building
College Park, Maryland 20742

STEP 5—Confirmation of Fall 1998 schedules will be mailed to students according to the following schedule:

Schedule, Bill and Course Request received	***Registration Card sent:***
Through July 10	July 15
July 11 - August 7	August 12
August 8 and after	pick-up in person

Immunization

The University of Maryland requires all freshmen, new graduate, and transfer students to provide documentation of Measles, Mumps, Rubella, and Tetanus/Diphtheria. It is a student's responsibility to provide this information to the Health Center before school begins. This requirement is mandatory.

Continuous Registration

(Doctoral Students Only)
Students who have completed the required minimum of 12 credits of 899 and who are NOT making any demands on the University resources may qualify for this special registration; however, CONTINUOUS REGISTRATION WILL NOT SATISFY REQUIREMENTS FOR LOANS AND VISAS!!! (For further information please contact the Graduate Records Office. 2107 Lee Building. 301-405-4202.

Registration After Advancement to Candidacy

(Doctoral Students Only)
Following advancement to candidacy doctoral students must register each Fall and Spring semester for at least one credit (refer to section on continuous registration) until degree is awarded. (Students with loans and visas please note: one credit of 899 equals 18 units. 48 units represents full-time status.)

ID Cards

Photo ID and semester registration cards are used together for University services requiring identification. Photo ID cards are available at the Registration Counter located on the first floor of the Mitchell Building, Monday - Friday, 8:30 am - 4:30 pm. Students unable to visit during these hours should contact the Registrar's Office at 301-314-8218 to schedule an ID appointment at another time.

Advising

Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status

Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes. **Please note students receiving a private scholarship must maintain full-time status throughout the semester in order to keep their scholarship, unless otherwise stipulated by the donor in writing.**
To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding full-time teaching or research appointments are full-time students if they are registered for at least
24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour
UMEI 005	6 units per credit hour
UMEI 006	2 units per credit hour
UMEI 007	4 units per credit hour
UMEI 008	2 units per credit hour

Program Changes

Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail

Graduate students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Thesis and Dissertation Students

The Graduate School has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook can be purchased at the Reckord Armory in the Reprographics Center, Room 0127. All graduate students preparing theses or dissertations are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving presentation of the guidelines are welcome and encouraged.
As of July 1, 1987, the Graduate School instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate School Records Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted; thus, graduation may be delayed. Details about these requirements may be obtained from the Graduate Records Office, 2107 Lee Building. (301-405-4202)

Fall Semester 1998 Deadlines- Graduate Students

August 7 ..... Last day for mail-in registration
August 30 ..... Last day to cancel registration
August 31 ..... First Day of Classes
August 31 ..... Late Registration begins through September 14
September 7 ..... Campus closed:Labor Day Holiday
September 14 ..... Last day to submit applications for December 1998 Graduation to the Registration Counter, Mitchell Building
September 21 ..... DOCTORAL STUDENTS: Deadline for submitting Nomination of Dissertation Committee form to the Graduate Records Office for December 1998 Commencement.
October 12 ..... MASTERS STUDENTS: Deadline for submission of the following materials to the Graduate Records Office for December 1998 Graduation:

- Approved program form (Thesis and Non-Thesis Students)
- Nomination of Thesis committee form

November 9* ..... Last day to adjust schedule, (drop, add, change credit level, or grading method)
**Must have department stamp to add a course after September 14.*
December 7 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1998 Graduation:
-Two final, acceptable copies of the completed dissertation
-The original signed Report of the Oral Examining Committee
-Survey of earned Doctorates
-UMI Microfilm Contract
-UMI/UMCP Agreement
December 14 ..... MASTERS STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1998 Graduation:
-The original signed report of the Oral Examining Committee
-Two final, acceptable copies of the Master's Thesis
or Certificate of Completion of Masters Degree Without Thesis
December 11 ..... Last day of classes
December 20 ..... COMMENCEMENT

NOTE: ALL COURSES ADDED AFTER SEPTEMBER 14TH WILL REQUIRE FULL PAYMENT EVEN IF A COURSE

6 REGISTRATION

Actions Requiring College Approval: All college offices have access to the Electronic Stamp and can enter special permissions directly into the registration system. Exceptions to any of the restrictions listed below require college approval prior to registering. Remember to register for the course (either through testudo, by calling MARS or in-person) after obtaining any special permissions.

Maximum Credit Limit: Undergraduate students are generally limited to registering for 16 credits prior to August 31st, 1998. Students can then register for a maximum of 19 credits. Requests to register for over 16 credits prior to August 31st, 1998 require special permission. Permission to take over 19 credits always requires college approval.

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STEP 6: COMPLETE REGISTRATION FORM AND REGISTER

Prior to registering or adjusting your schedule make sure that all special permissions and advising requirements have been met. Be prepared with alternate sections. After completing the steps above use one of the services below. See STEP 1 for dates and times.

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Complete a registration form prior to registering at Student Services, Room 1101 Mitchell Bldg., or the Reckord Armory, August 28th through September 2nd.

STEP 7: AFTER YOU REGISTER

Waitlists: If a course is closed when you register, the waitlist option may be offered. See waitlist dates and times in Step 1. Also read information on page 10 for waitlist procedures.

Billing information: Bills for tuition and fees will be mailed to students that registered August 7th, 1998 and before for Fall courses. No bill is mailed for students who register August 8th and after. All charges incurred after August 7th through September 9th are due on September 9th without exception. Call MARS (select Financial Information) check Testudo or Kiosks, or contact the Student Financial Services center to verify the amount owed.

Payment in full must be made by the dates below. See pages 16-18 for additional information.

If you registered:	Payment in full is due:
by July 10, 1998	August 7, 1998
between July 11, 1998 and August 7, 1998	September 4, 1998
after August 7, 1998	in person by September 9, 1998

ID Cards: Students needing photo ID and/or a Registration Card must present proof of bill payment at the Registration Counter, first floor lobby, Mitchell Building, Monday- Friday 8:30 a.m. - 4:30 p.m.

Faculty/Staff Registration and Remission of Tuition

Faculty and staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below.

STEP 1: **If necessary, contact the appropriate admissions office:**

Undergraduate Admissions	Ground floor Mitchell Building	301-314-8385
Graduate Admissions	2nd Floor Lee Building	301-405-4198
Non-degree seeking faculty	Contact Jeff Bowling, 1101 Mitchell Bldg.	301-314-8239

Note: Registration is on a space available basis.

STEP 2: **Contact department representative responsible for processing Tuition Remission Forms. Complete the forms and make sure they are forwarded to the Personnel Services Department, Room 1101 Chesapeake Building.**

Tuition Remission: Every semester an approved Tuition Remission form must be turned in to the College Park Personnel Services Department - Staff Benefits Office in order to receive credit on the student bill for courses taken by faculty and staff. The authorizing department will forward this form directly to Personnel Services. Check with your department to insure that the proper forms have been submitted before the deadlines below. Tuition remission benefits are administered in accordance with University Policy. If you have questions regarding tuition remission call the Staff Benefits Office at 301-405-5658.

Fall 1998 Tuition Remission Forms must be submitted by:

August 7, 1998 for students registering August 7, 1998 and earlier
August 28, 1998 for students registering August 7, 1998 and later

Note: All Forms Must Be Submitted and accounts settled in full by August 28, 1998.

STEP 3: **Follow appropriate Registration Procedures.**

Undergraduate Students	read page 5-6
Graduate Students	read page 7-8

Contact the Registrar's office at 301-314- 8240 if you have any questions.

Teacher's Registration

Teachers who have previously been admitted to the University of Maryland as either graduate or undergraduates, and who were enrolled for Spring 1998 can register for Fall 1998. Teachers not enrolled during Spring 1998 follow appropriate directions below.

Undergraduate Students - Apply for readmission at the Office of Undergraduate Admissions, ground floor, Mitchell Building 301-314-8382.

Graduate Students - Check with Graduate School Admissions, 301-405-4198, to determine eligibility. Graduate school offices are located on the 2nd floor of the Lee Building. 301-405-4198. Also see page 7 for Graduate registration procedures and deadlines.

Dropping Courses & Refund Information

Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged for courses by the credit hour. If the course is dropped the first day of classes and later, (August 31st and later), a percentage charge and/or complete charge for the course will be imposed.

1. August 30th or earlier (prior to the first day of classes) — 100% refund
   There will be no charge for courses dropped prior to this date.
2. August 31st - September 4th (during the first five days of classes) — 80% refund
   There will be a 20% charge imposed for courses dropped during this period.
3. September 5th and after (anytime after the first five days of classes) — 0 % refund
   There will be no refund; students incur the full charge for courses dropped during this period.

IMPORTANT NOTES:

First ten days of classes (from August 31st - September 14th): Students will not be charged to drop and add a course if they are of equal credit value, for example dropping CHEM 678 and adding CHEM 691 (both three credit courses), and if they are processed on the same day. This is considered an even exchange. Remember, to avoid additional charges when dropping and adding, BOTH the drop and the add must be done during the same day. The total number of credits dropped and added must be equal. *Note: Courses taken at Shady Grove are not considered in even exchange calculations.*

After the first ten days of classes (September 15th and later): Even exchanges of dropped and added credits will not be accepted. ***Courses added and dropped after the 10th day of classes will be charged as follows: there will be no refund for the drop, and 100% charge per credit for any adds.***

GRAD STUDENT INFORMATION 7

Graduate Student Registration Procedures

ALL GRADUATE STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF MARS OR THE MAIL-IN REGISTRATION PROCEDURE. EARLY REGISTRATION CONTINUES THROUGH AUGUST 7, 1998. EACH DEPARTMENT/PROGRAM WILL CONTROL THE DISTRIBUTION OF MATERIALS FOR GRADUATE STUDENTS. CURRENTLY ENROLLED GRADUATE STUDENTS SHOULD HAVE RECEIVED A POSTCARD NOTIFYING THEM ABOUT REGISTRATION PROCEDURES.

NOTE: Financially ineligible graduate students must adhere to the following procedures prior to registration:

1. Complete bill payments at the Bursar's office, Room 1135 Lee Building, or call MARS at 301-403-0500 if paying by credit card.
2. Obtain a Financial Clearance from the Bursar's office.
3. Take the clearance to your department to pick up registration materials. Include a copy of clearance form with schedule request form.

Most Graduate Students are eligible to use Testudo (www.testudo.umd.edu) orMARS for their initial registration or schedule adjustments. See the MARS worksheet on page 11 for instructions.

REGISTRATION STEPS:

STEP 1—Review the chart on page 8 to determine departmental requirements based on status as a newly admitted or returning graduate student.

NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Fall 1998.

RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Spring 1998.

STEP 2—If advising is mandatory, (see page 8) or needed, contact the department to arrange an appointment. If no advising is required, student must contact the department about distribution of schedule request form and transcript.

STEP 3—Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 42, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registration for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have cumulative credit requirements. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization). Students should be sure they have authorization prior to registering.

STEP 4—Complete Graduate Schedule Request Form and register at the Registrar's Office, by calling MARS at 301-403-0500 or through Testudo at www.testudo.umd.edu.

NOTE: *If the department permits, students may return the form directly to the Registrar's Office by mail through August 7, 1998, or in-person through September 14, 1998. Note however, that late registration begins August 31, 1998.*

Office of the Registrar
Room 1101 Mitchell Building
College Park, Maryland 20742

STEP 5—Confirmation of Fall 1998 schedules will be mailed to students according to the following schedule:

Schedule, Bill and Course Request received	***Registration Card sent:***
Through July 10	July 15
July 11 - August 7	August 12
August 8 and after	pick-up in person

Immunization

The University of Maryland requires all freshmen, new graduate, and transfer students to provide documentation of Measles, Mumps, Rubella, and Tetanus/Diphtheria. It is a student's responsibility to provide this information to the Health Center before school begins. This requirement is mandatory.

Continuous Registration

(Doctoral Students Only)
Students who have completed the required minimum of 12 credits of 899 and who are NOT making any demands on the University resources may qualify for this special registration; however, CONTINUOUS REGISTRATION WILL NOT SATISFY REQUIREMENTS FOR LOANS AND VISAS!!! (For further information please contact the Graduate Records Office. 2107 Lee Building. 301-405-4202.

Registration After Advancement to Candidacy

(Doctoral Students Only)
Following advancement to candidacy doctoral students must register each Fall and Spring semester for at least one credit (refer to section on continuous registration) until degree is awarded. (Students with loans and visas please note: one credit of 899 equals 18 units. 48 units represents full-time status.)

ID Cards

Photo ID and semester registration cards are used together for University services requiring identification. Photo ID cards are available at the Registration Counter located on the first floor of the Mitchell Building, Monday - Friday, 8:30 am - 4:30 pm. Students unable to visit during these hours should contact the Registrar's Office at 301-314-8218 to schedule an ID appointment at another time.

Advising

Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status

Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes. **Please note students receiving a private scholarship must maintain full-time status throughout the semester in order to keep their scholarship, unless otherwise stipulated by the donor in writing.**
To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding full-time teaching or research appointments are full-time students if they are registered for at least
24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour
UMEI 005	6 units per credit hour
UMEI 006	2 units per credit hour
UMEI 007	4 units per credit hour
UMEI 008	2 units per credit hour

Program Changes

Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail

Graduate students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Thesis and Dissertation Students

The Graduate School has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook can be purchased at the Reckord Armory in the Reprographics Center, Room 0127. All graduate students preparing theses or dissertations are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving presentation of the guidelines are welcome and encouraged.
As of July 1, 1987, the Graduate School instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate School Records Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted; thus, graduation may be delayed. Details about these requirements may be obtained from the Graduate Records Office, 2107 Lee Building. (301-405-4202)

Fall Semester 1998 Deadlines- Graduate Students

August 7 ..... Last day for mail-in registration
August 30 ..... Last day to cancel registration
August 31 ..... First Day of Classes
August 31 ..... Late Registration begins through September 14
September 7 ..... Campus closed:Labor Day Holiday
September 14 ..... Last day to submit applications for December 1998 Graduation to the Registration Counter, Mitchell Building
September 21 ..... DOCTORAL STUDENTS: Deadline for submitting Nomination of Dissertation Committee form to the Graduate Records Office for December 1998 Commencement.
October 12 ..... MASTERS STUDENTS: Deadline for submission of the following materials to the Graduate Records Office for December 1998 Graduation:

- Approved program form (Thesis and Non-Thesis Students)
- Nomination of Thesis committee form

November 9* ..... Last day to adjust schedule, (drop, add, change credit level, or grading method)
**Must have department stamp to add a course after September 14.*
December 7 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1998 Graduation:

-Two final, acceptable copies of the completed dissertation
-The original signed Report of the Oral Examining Committee
-Survey of earned Doctorates
-UMI Microfilm Contract
-UMI/UMCP Agreement

December 14 ..... MASTERS STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1998 Graduation:

-The original signed report of the Oral Examining Committee
-Two final, acceptable copies of the Master's Thesis
or Certificate of Completion of Masters Degree Without Thesis

December 11 ..... Last day of classes
December 20 ..... COMMENCEMENT

NOTE: ALL COURSES ADDED AFTER SEPTEMBER 14TH WILL REQUIRE FULL PAYMENT EVEN IF A COURSE

8 GRAD STUDENT INFORMATION

Graduate Students: use this chart to determine advising requirements and locations for Fall 1998 registration.

DEPARTMENT/PROGRAM		LOCATION	PHONE	Student Status		E-Mail Address	Web Site
				Returning Students	Newly Admitted Students		
AGRO	Agronomy	1109 H.J. Patterson Hall	301-405-1306	Mandatory Advising	Mandatory Advising		www.agnr.umd.edu/AcPro/Grad/index.html
AMST	American Studies	2125 Taliafero Hall	301-405-1354	Mandatory Advising	Mandatory Advising	vb33@umail.umd.edu	www.inform.umd.edu/amst/
ANTH	Anthropology	1111 Woods Hall	301-405-1423	Mandatory Advising	Mandatory Advising	anthgrad@deans.umd.edu	
ANSC	Animal Sciences	2131 Animal Sciences - Agri Engr. Bldg.	301-405-5781	Mandatory Advising	Mandatory Except 799/899	eh46@umail.umd.edu	www.agnr.umd.edu/users/ansc/index.html
ARCH	Architecture	1298 Architecture Building	301-405-6284	Mandatory Advising	Mandatory Advising	jjarvis@arch.umd.edu	www.inform.umd.edu/ARCH
AREC	Agricultural & Resource Economics	2200A Symons Hall	301-405-1291	Mandatory Advising	Mandatory Advising	barbb@arec.umd.edu	http://www.agnr.umd.edu/AcPro/Grad/GradHome.html
ARTH	Art History & Archeology	1211B Art-Sociology Building	301-405-1487	Mandatory Advising	Mandatory Advising	kc2@umail.umd.edu	
ARTT	Art1211E	Art-Sociology Building	301-405-1459	Mandatory Advising	Mandatory Advising	jm17@umail.umd.edu	
ASTR	Astronomy	1205 Computer & Space Sciences Building.	301-405-1505	Mandatory Advising	Mandatory except 799/899	astgrad@deans.umd.edu	www.astro.und.edu
BCHM	Biochemistry	1305 Chemistry Building	301-405-7022	at Orientation	Mandatory Advising	tl15@umail.umd.edu	www.chem.umd.edu/graduate/
BIOL	Biology	2231 Zoology- Psychology Bldg.	301-405-6905	Mandatory Advising	Optional	biolgrad@deans.umd.edu	www.life.umd.edu/grad/biol.html
BMBA	Master of Business Administration	2308 Van Munching Hall	301-405-2386	Permission of Advisor	Optional	mba_info@mbs.umd.edu	www.mbs.umd.edu
BMJT	Joint MBA/MS	2308 Van Munching Hall	301-405-2386	Contact Department	Optional	mba_info@mbs.umd.edu	www.mbs.umd.edu
BMSB	Master of Science	2308 Van Munching Hall	301-405-2386	See Faculty Advisor or Director	Optional	mba_info@mbs.umd.edu	www.mbs.umd.edu
BPHD	Ph.D Program	2407 Van Munching Hall	301-405-2386	at Orientation	Optional	mba_info@mbs.umd.edu	www.mbs.umd.edu
BMSW	Business Social Work Combined	2308 Van Munching Hall	301-405-2386	Contact Department	Optional	mba_info@mbs.umd.edu	www.mbs.umd.edu
BMPM	Master of Public Management	2308 Van Munching Hall	301-405-2386	Contact Department	Optional	mba_info@mbs.umd.edu	www.mbs.umd.edu
CCJS/CRIM	Criminology & Criminal Justice	2220 LeFrak Hall	301-405-4705	Mandatory Advising	Optional	ssimpson@bss2.umd.edu	
CHEM	Chemistry	1305 Chemistry Building	301-405-7022	at Orientation	Mandatory Advising	tl15@umail.umd.edu	www.chem.umd.edu
CHPH	Chemical Physics	1112B Institute for Physical Science & Technology	301-405-4811	Mandatory Advising	Mandatory Advising	marilyn@ipst.umd.edu	
CLAS	Classics	2407 Marie Mount Hall	301-405-2013	Mandatory Advising	Optional	clasgrad@deans.umd.edu	
CMLT	Comparative Literature	2107 Susquehanna Hall	301-405-2853	Mandatory Advising	Mandatory Advising	cmltgrad@deans.umd.edu	
CMPL/URSP	Community Planning/Urban Studies	0100C Caroline Hall	301-405-6790	Mandatory Advising	Mandatory Advising	jgraser@bss.umd.edu	
CMSC	Computer Science	1119 A.V. Williams Hall	use email	Mandatory Advising	Optional	csgradof@cs.umd.edu	www.cs.umd.edu
CONS	Sustainable Development & Conservation Biology	1201 Zoo-Psych Bldg.	301-405-7409	Mandatory Advising	Optional	consgrad@deans.umd.edu	www.inform.umd.edu/CONS
CRWR	Creative Writing	4140 Susquehanna	301-405-3820	Optional	Optional	crwrgrad@deans.umd.edu	www.inform.umd.edu/ENGL/Programs/Graduate/CreateWriting
DANC	Dance	1132 Dance Bldg.	301-405-3181	Mandatory Advising	Mandatory Advising	dancgrad@deans.umd.edu	
ECON	Economics	3127F Tydings Hall	301-405-3544	Mandatory Advising	Optional	speake@econ.umd.edu	www.bsos.umd.edu
EDCI	Curriculum and Instruction	2311 HR Benjamin Building	301-405-3324	Mandatory Advising	Optional	jd25@umail.umd.edu	
EDCP	Counseling & Personnel Services	3214 HR Benjamin Building	301-405-2858	Mandatory Advising	Mandatory Advising except 799/899	cw68@umail.umd.edu	
EDHD	Human Development	3304 HR Benjamin Building	301-405-2827	Mandatory Advising	Optional	rhardy@umdacc.umd.edu	
EDMS	Measurement, Statistics and Evaluation	1230 HR Benjamin Building	301-405-3624	Optional	Optional	vk6@umail.umd.edu	
EDPA	Policy, Planning & Administration	2110 HR Benjamin Building	301-405-3574	Optional	Optional	edpagrad@deans.umd.edu	www.inform.umd.edu/EdRes/Colleges/EDUC/WWW/Depts/EdPolicyPlanning/
EDSP	Special Education	1308 HR Benjamin Building	301-405-6515	Mandatory Advising	Optional	edspgrad@deans.umd.edu	
ENAE	Aerospace Engineering	3181 Engineering Classroom Building	301-405-2376	Mandatory Advising	Mandatory Advising	enaegrad@deans.umd.edu	
ENBE	Biological Resources Engineering	1431 Animal Sciences - Agri. Engineering Bldg.	301-405-1198	Mandatory Advising	Mandatory Advising	enbegrad@deans.umd.edu	www.agnr.umd.edu/users/bioreng
ENCE	Civil Engineering	1179 Engineering Classroom Bldg.	301-405-1974	Optional	Optional	encegrad@deans.umd.edu	
ENCH	Chemical Engineering	2113 Chemical Engineering Bldg.	301-405-1935	Mandatory Advising	Mandatory Advising	enchgrad@deans.umd.edu	www.ench.umd.edu/
ENEE	Electrical Engineering	2434 AV Williams Building	301-405-3681	Optional	Optional	eneegrad@deans.umd.edu	www.ee.umd.edu
ENFP	Fire Protection Engineering	0151 Engineering Classroom Bldg.	301-405-3992	Mandatory Advising	Mandatory Advising	enfpgrad@deans.umd.edu	www.enfp.umd.edu
ENGL	English	3119 Susquehanna	301-405-3798	Mandatory Advising	Optional	englgrad@deans.umd.edu	www.inform.umd.edu/ARHU
ENMA	Material Sciences Engineering	2135 or 2138 Chemistry & Nuclear Engineering Building	301-405-5211	Mandatory Advising	Mandatory Advising	enmagrad@deans.umd.edu	
ENME	Mechanical Engineering	2168 Engineering Classroom Bldg.	301-405-4216	Mandatory Advising	Optional	enmegrad@deans.umd.edu	
ENNU	Nuclear Engineering	2309 Chemistry & Nuclear Engineering Building	301-405-5227	Optional	Optional	ennugrad@deans.umd.edu	
ENPM*	Professional Master's of Engineering	3136 Engineering Classroom Building	301-405-0362	Optional	Optional	cunniff@eng.umd.edu	
ENRE	Reliability Engineering	2134 Chemistry & Nuclear Engineering Building	301-405-1935	Optional	Optional	enregrad@deans.umd.edu	
ENSE	Systems Engineering	2172 A.V. Williams Building	301-405-6613	Mandatory Advising	Mandatory Advising	ensegrad@deans.umd.edu	www.isr.umd.edu/ISR/programs/education/msse.html
ENTM	Entomology	4112 Plant Sciences Building	301-405-3912	Mandatory Advising	Mandatory Advising	gd7@umail.umd.edu	
ENTS*	Telecommunications	2415 A.V. Williams Building	301-405-3683	Optional	Optional	entsgrad@deans.umd.edu	
FDSC	Food Science	3304 Marie Mount Hall	301-405-4521	Mandatory Advising	Mandatory Advising	fdscgrad@deans.umd.edu	
FMST	Family Studies	1204 Marie Mount Hall	301-405-3672	Optional	Optional	fmstgrad@deans.umd.edu	
FRIT	French Language & Literature	3122 Jimenez Hall	301-405-4024	Mandatory Advising	Mandatory Advising	fritgrad@deans.umd.edu	
GEOG	Geography	1113 LeFrak Hall	301-405-4050	Mandatory Advising	Mandatory Advising	geoggrad@deans.umd.edu	
GELS	Geography/Library & Information Systems	4110 Hornbake Library	301-405-2038	N/A - see GEOG & LBSC	N/A - see GEOG & LBSC	lbscgrad@deans.umd.edu	
GEOL	Geology	1115 Geology Building	301-405-4365	Mandatory Advising	Mandatory Advising	geolgrad@deans.umd.edu	
GERS	Germanic Language & Literature	3215 Jimenez Hall	301-405-4091	Mandatory Advising	Mandatory Advising	gersgrad@deans.umd.edu	
GRAD	Advanced Special Student	2117 Lee Building	301-405-4198	Not Required	Not Required	grschool@deans.umd.edu	http://www.ads-rr/Grad/appreq.html.
GVPT	Government & Politics	3140 Tydings Hall	301-405-4161	at Orientation	Optional	gvptgrad@deans.umd.edu	
HESP	Hearing and Speech	0100 LeFrak Hall	301-405-4214	Mandatory Advising	Mandatory Advising	hespgrad@deans.umd.edu	
HILS	History/Library & Information Systems	4110 Hornbake Library	301-405-2038	see LBSC	see LBSC	lbscgrad@deans.umd.edu	
HIST	History	2115 Francis Scott Key Hall	301-405-4264	Mandatory Advising	Mandatory except 799/899	histgrad@deans.umd.edu	
HLTH	Health Education	2387 HHP Building	301-405-2464	at Orientation	Mandatory Advising	hlthgrad@deans.umd.edu	
HORT	Natural Resource Sciences & Landscape Architecture	2106 Plant Sciences Bldg.	301-405-4357				
JOUR	Journalism	1115 Journalism Building	301-405-2380	Mandatory Advising	Optional	jourgrad@deans.umd.edu	
KNES	Kinesiology	2334 HHP Building	301-405-2455	Mandatory Advising	Mandatory except 799/899	knesgrad@deans.umd.edu	
LBSC	Library & Information Services	4110 Hornbake Library	301-405-2038	Mandatory Advising	Mandatory Advising	lbscgrad@deans.umd.edu	www.clis.umd.edu
LING	Linguistics	1401 Marie Mount Hall	301-405-7002	Mandatory Advising	Optional	linggrad@deans.umd.edu	
LMBA	Business Law Combined	2308 Van Munching Hall	301-405-2278	see admit letter	Mandatory Advising		
LMPM (see MAPM)	Management Combined	2101 Van Munching Hall	301-405-6330	n/a	n/a	puafgrad@deans.umd.edu	
MAPL	Applied Mathematics	1104 Mathematics Building	301-405-5062	by appointment	Optional	maplgrad@deans.umd.edu	
MAPM	Public Management	2101 Van Munching Hall	301-405-6330	Mandatory Advising	Optional	puafgrad@deans.umd.edu	
MAPP	Public Policy	2101 Van Munching Hall	301-405-6330	Mandatory Advising	Optional	puafgrad@deans.umd.edu	
MATH	Mathematics	1112 Mathematics Building	301-405-5058	by appointment	Optional	mathgrad@deans.umd.edu	
MCOM	Mass Communication	1118 Journalism	301-405-2380	Mandatory Advising	Optional	jourgrad@deans.umd.edu	
MEES	Marine-Estuarine-Environmental	2113 Agri/Life Sciences Surge Bldg. 1	301-405-6938	Mandatory Advising	Optional	meesgrad@deans.umd.edu	www.life.umd.edu/grad/mees
METO	Meteorology	2416 Computer & Space Science Building	301-405-5389	at Orientation	Mandatory except 799/899	metograd@deans.umd.edu	www.meto.umd.edu
MICB	Microbiology	1123 Microbiology Building	301-405-6991	Mandatory Advising	Optional	micbgrad@deans.umd.edu	www.life.umd.edu/microbiology/index.html
MOCB	Molecular & Cellular Biology	1117 Microbiology Building	301-405-6991	Mandatory Advising	Mandatory Advising	mocbgrad@deans.umd.edu	
MSWE*	Master of Software Engineering	University College Graduate School	301-985-7092 or 301-985-7155	Mandatory Advising	Mandatory Advising	bender@nova.umuc.edu	
MUSC	Music	2110 Tawes Fine Arts Building	301-405-5560	Mandatory Advising	Mandatory Advising	muscgrad@deans.umd.edu	
NACS	Neuroscience & Cognitive Sciences	2239 Zoology- Psychology Bldg.	301-405-8910	Mandatory Advising	Mandatory Advising	NACSgrad@deans.umd.edu	
NUTR	Nutrition	3304 Marie Mount Hall	301-405-4521	Mandatory Advising	Mandatory except 799/899	nutrgrad@deans.umd.edu	
PBIO	Plant Biology	1123 Microbiology Bldg.	301-405-6991	Mandatory Advising	Optional	pbiograd@deans.umd.edu	www.life.umd.edu/microbiology/index.html
PCOM	Public Communication	2109 Journalism	301-405-2380	Optional	Optional	jourgrad@deans.umd.edu	
PHIL	Philosophy	1125 Skinner Building	301-405-5689	Mandatory Advising	Mandatory Advising	philgrad@deans.umd.edu	
PHYS	Physics	1120B Physics Building	301-405-5982	Mandatory Advising	Mandatory except 799/899	physgrad@deans.umd.edu	
POSI	Policy Studies	2101 Van Munching Hall	301- 405-6330	Mandatory Advising	Mandatory Advising	puafgrad@deans.umd.edu	
POUL	Poultry Science			Mandatory Advising	Mandatory except 799/899		
PSYC*	Psychology	1141 Zoo-Psyc Building	301-405-5865	Mandatory Advising*	Mandatory Advising*	padgett@bss3.umd.edu	www.bsos.umd.edu/psyc
RECR	Recreation			Mandatory Advising	Mandatory Advising		
RUSS	Russian Language & Linguistics			Mandatory Advising	Mandatory Advising		
SOCY	Sociology	2103 Art-Sociology Building	301-405-6390	Mandatory Advising at Orientation	Optional	socygrad@deans.umd.edu	www.bsos.umd.edu/socy
SPAP	Spanish Language & Literature	2215 Jimenez Hall	301-405-6446	Mandatory Advising	Mandatory Advising	spapgrad@deans.umd.edu	
SPCM	Speech Communication	2130 Skinner Building	301-405-6519	Mandatory Advising	Mandatory Advising	spcmgrad@deans.umd.edu	
STAT	Mathematical Statistics	1112 Mathematics Building	301-405-5061	Mandatory Advising	Mandatory Advising	statgrad@deans.umd.edu	
SURV	Survey Methodology	1218 LeFrak Hall	301- 314-7911	Mandatory Advising	Mandatory Advising	survgrad@deans.umd.edu	
THET	Theatre	0202 Tawes Fine Arts Building	301-405-6676	Mandatory Advising	Mandatory Advising	thetgrad@deans.umd.edu	
TOXI	Toxicology	3110 Plant Sciences Building	301-405-3919	Mandatory Advising	Mandatory Advising	toxigrad@deans.umd.edu	
UMAB, UMBC, UMES, UMUC Intercampus Enrollment Program		1101 Mitchell Bldg.	301-314-8239	at Home Campus Office of Special Programs at Host Campus - Inter campus form must be attached			

*Registration forms must be returned to Room 1141 Zoo-Psyc Bldg.
*Note: Differential Tuition

USE TESTUDO (www.testudo.umd.edu) or MARS for drop/add, wait list check-in and much more!

MARS 9

MARYLAND AUTOMATED REGISTRATION SYSTEM

MARS FEATURES

Welcome to MARS! The MARS Main Menu is divided into different areas representing various student services - Registration Activities, Grade Inquiry, Financial Information and more. Each area is represented by a different number on the telephone keypad, and within each area there are various functions. Listen carefully to MARS for selection numbers. MARS is frequently being updated so check the MARS Main Menu for new applications and services.

REGISTRATION ACTIVITIES MENU

This is the most widely used area of MARS and includes functions for course registration, schedule adjustment, searching for open course sections, getting on a waitlist, and listing your course schedule. Remember advising or special course permissions may be required before registering.

Registration/Schedule Adjustment: Use this feature to add and drop courses, change a grading method or credit level, list your current schedule, check on open sections, or place yourself on a waitlist. See page 11 for a MARS Course Worksheet and directions for using MARS to register.

Waitlist Check-In: Students can use MARS to fulfill the mandatory waitlist check-in obligation or check the status of their waitlisted courses Read page 12 for waitlist information.

Section Status: Up-to date course availability data is provided through Section Status. To inquire about a section use the course/section Index Number in the course listings. If a course is closed, the number of students on the waiting list will be given. Because this feature is only informational, no registration blocks are enforced.

List Schedule: MARS will list the courses for which you are currently registered.

Registration and Appointment Status: Lists student early registration dates as well as advising requirements, financial eligibility and registration blocks.

GRADE INQUIRY

Provides semester and early warning grades as soon as they are available.

CAMPUS PARKING APPLICATION

Students can apply for parking permits and change lot selections. See page 14.

FINANCIAL INFORMATION

Account Balance and Payment: Use MARS to pay your bill or check your account balance.

Check Disbursement: Students receiving aid can use this feature to schedule an appointment to pick up aid checks.

Financial Aid Inquiry Student can check on the status of their financial aid application and receive aid information.

PIN CHANGE

A student's initial Personal Identification Number or PIN is set to their 6-digit birthdate (For example 062176). This number must be changed the first time you access MARS. Also use this feature to change your PIN if you feel the security of the number has been compromised.

CAMPUS SURVEYS

This feature is used as a tool to conduct surveys on various issues effecting students.

CALLING MARS

Schedule adjustment and registration with *MARS* is convenient and easy. *MARS* utilizes the telephone key pad to communicate your course requests to the computer. The *MARS* Course Worksheet and key pad on page 11 will guide you through the process. Just follow the steps below, and then call *MARS*.

- FOLLOW steps 1 - 7 on pages 5 + 6.
- Fill out the MARS course worksheet on page 11 and enter the information on each line. Use an ACTION CODE, section INDEX NUMBER, and # (pound sign) on the key pad for each transaction. After entering all lines press # (pound sign) again to signal the computer to process course requests.

ACTION CODE - tells the computer what you want to do, for example add (press 2), drop (press 3) or list courses (press 5). All ACTION CODES are listed on page 11.

INDEX NUMBERS - identify the individual course and section. Each course has a unique 5-digit index number in the course listings section of the Schedule of Classes. The INDEX NUMBER is in parenthesis to the right of the section number. Contact the department offering the course for INDEX NUMBERS not listed in the Schedule of Classes.

- Call *MARS* for registration, schedule adjustment and waitlist check-in during the times listed below. Listen to MARS carefully, you will be prompted for your Student ID Number (social security number) and PIN (Personal Identification Number). Note: Late Registration begins September 2, 1997

Monday - Saturday 7:30 a.m. - 11:00 p.m. (usually available during these hours)
Sunday 5:00 p.m. - 11:00 p.m.

- Phone Numbers:
  MARS 301-403-0500
  (From on-campus dial 9-403-0500)
  MARS HELPLINE call 301-314-1600
  (call the *MARS* Helpline between the hours of 8:30 and 4:30 if you have any questions or concerns)

VENUS

VENUS, or the Virtual Electronic Network University Scheduler, can be accessed through the Internet and is being widely used by University of Maryland students as a tool to create their course schedule.

Venus assembles schedules by considering all the possible combinations that can be produced with the courses that a student specifies. The student simply enters the courses he/she is considering, and Venus gives schedule options using all the specified course sections. The Venus online tutorial will get you started.

Check out Venus at http://www.testudo.umd.edu

WORDS FROM MARS

ACCIDENTAL TERMINATION OF CALL: If you are accidently cut off from *MARS* before you complete your request, recall the system. You will be registered for transactions processed prior to termination. After entering your student ID and PIN, press 5 # # to list your course schedule. *MARS* will list the courses for which you are already registered. You may then make additions or changes to your schedule.

CANCELLATION OF REGISTRATION: Note that whether you register in person, or by *MARS* your entries are part of your registration record. See Cancellation of Registration, page 12, for deadlines and information.

DISCONNECTIONS: Time limits are built into the system. If you are on the *MARS* line for an extended period of time you will be disconnected. Error limits are also a part of *MARS*. If you do not enter the correct information after the second try, *MARS* will disconnect. You may immediately call *MARS* back. List your schedule (5##) to verify prior transactions..

DROPPING: You may drop a course by using Action Code 3 # # with Drop/Add. *MARS* will list all of your courses and give you the option to drop. *Before dropping one course in order to register for another course, be sure to use Open Section Look-up to insure that the course is available. Once a closed course has been dropped, you will be unable to reregister for the course. The next person on the waitlist has been given your seat.*

FUNDAMENTAL STUDIES: Students with a Fundamental Studies Block should contact their college office for a temporary extension. If you are registering for the required course, you must register in person.

SCHEDULE ADJUSTMENT: Schedule Adjustment for Fall 1998 began May 8, 1998. Call *MARS* during operating hours: Monday - Saturday 7:30 a.m. to 11:00 p.m., Sunday 5:00 p.m. - 11:00 p.m or use www.testudo.umd.edu. Walk-in Schedule Adjustment is also available. See page 5, step 1, for dates and times.

GRADE INQUIRY: This feature of MARS provides students with semester and early warning grades as soon as they are available. Use MARS, the Web or a Kiosk to get your grades. Use your Student ID Number and PIN, and as soon as your grades are processed, they will be available electronically. Grade Point Averages are calculated after all final grades have been posted. ***Grade reports will no longer be mailed, but Official Transcripts are always available free of charge. See page 35, Transcript Services, for details.***

GRADING METHOD: This refers to the choice of taking a course for a letter grade (A - F), Pass-Fail, or Audit. Change the grading method for a course by using *MARS* Action Code 4 # #. All grading methods are not available for all courses. Additionally, there are restrictions on taking courses Pass-Fail. See page 40 for information.

INDEX NUMBER: Unique five-digit index numbers are assigned to each section of a course. This number is located to the right of the section number in the course listings (beginning on page 42). Index Numbers for independent study courses must be obtained from the department offering the course.

PIN - PERSONAL IDENTIFICATION NUMBER: Most students already have a PIN. For students matriculating for Fall 1998 your initial PIN will be your six-digit birthdate (MMDDYY). Once you have accessed *MARS* you will be required to change this to another six-digit number. Please retain this number, and keep it confidential to insure private access to your records. Your PIN can be changed by selecting the PIN Change Processor from the *MARS* main menu, or at the Testudo web site: www.testudo.umd.edu.

SCHEDULE AND BILL: Students that register August 7, 1998 and earlier will receive a schedule, registration card and bill in the mail. Payment in full must be made no later than August 7, 1998 for students who registered by July 10, 1998 and earlier and by September 4, 1998 for students registering between July 11 and August 7, 1998. Bill Payment is due by September 9, 1998 for students registering after August 7, 1998.

SILENCE DURING PROCESSING: There may be periods of silence during your call to *MARS*. This is normal and occurs when information is being verified or processed. Typically, the amount of silence lasts no longer than 5 seconds; however this time may increase during periods of heavy use. DO NOT HANG UP. Wait for the next set of instructions.

REGISTRATION BLOCKS: Some students, because of their major or academic status, must be advised before they register or process schedule adjustments. *These students include those on academic warning/dismissal, student athletes, students with a fundamental studies block, newly admitted students, and students in the IED and Individual Admit programs.* Advisors can remove these blocks electronically after your advising appointment. You will then be cleared to register using MARS. Be sure to schedule an appointment with your advisor prior to your registration time.

TIME CONFLICTS: *MARS* will not permit you to register for courses that conflict in time. Any exceptions require special permission from your college. To be placed on a waitlist for a course that conflicts with one you are registered for, use Waitlist Action Code 7 # #. If you receive the class from the waitlist, you will then be required to resolve the conflict. If the time conflict is not resolved, the course received from the waitlist will be dropped. Refer to Waitlist Feature on page 10 for more information.

VARIABLE CREDIT: Certain courses can be taken for a variable number of credits. *MARS* will prompt you for the number of credits when you register. You can change the credit level for a variable credit course by using *MARS* Action Code 8 # #.

Anyone using the Maryland Automated Registration System for purposes other than accessing his/her own records will be in violation of University Policy. Calls may be monitored for development purposes.

10 WAITLIST INFO

USING THE WAITLIST

The waitlist is a roster of students who are waiting for a seat to become available in a closed course. The waitlist stores names in order of request, on a first come, first served basis, to allow access to seats as drops are processed. Students can waitlist courses by using Testudo, MARS or in-person.

Waitlisting with MARS: When attempting to add a closed course, and a waitlist is available, the waitlist option will be offered. If this option is selected, you will be placed on the waitlist for the closed section. Additionally, you will be prompted to enter up to five more waitlist sections. Be sure to use the section INDEX NUMBER. Information about the MANDATORY and REGULAR CHECK-IN dates will be given. Make note of these important dates.

When following these procedures to place a request on the waitlist, normal registration blocks are enforced. For example, if the desired waitlisted course conflicts in time with an existing added course you will be prevented from waitlisting the course. See WAITLIST FEATURE at the bottom of this page for details on how to temporarily override time and credit restrictions.

Waitlisting in Person: If a course is closed and a waitlist is available you will be offered the option of being placed on a waitlist. You may waitlist up to six sections of a course. Mandatory Check-In and Regular Check-In dates will be noted on your Schedule Request/ Adjustment form. *You are required to check-in beginning on these dates to remain on the waitlist.* Please retain this information.

WAITLIST CHECK-IN FOR FALL 1998-USE MARS, KIOSKS, OR TESTUDO ON THE WEB.

MARS Waitlist Check-In is available through September 15, 1998. If you are on the waitlist you must call MARS (403-0500), use www.testudo.umd.edu or check-in at a Kiosk on the first day of classes, August 31, 1998 the mandatory check-in date. If you are still on the waitlist after mandatory check-in, you must then call daily during regular check-in, beginning September 1, 1998 to remain on the waitlist. **Remember—you must first check-in on the first day of classes, and then daily to remain on the waitlist.** Call during MARS operating hours:

Monday - Saturday 7:30 a.m. - 11:00 p.m. (late hours are usually available)
Sunday 5:00 p.m. - 11:00 p.m.

Students can also check-in at the Student Services (1101 Mitchell Building) through August 28, 1998 and at the Reckord Armory August 31- September 2, 1998. Regular Check-In will resume in the Mitchell Building **September 3-15, 1998.**

MARS and Testudo Check-In: MARS and Testudo waitlist data is transferred daily from the on-line registration system. When students check-in, MARS captures the Student Identification number and it is stored in a file. In the evening, this file is transferred to the on-line registration system. Updated course schedules with received waitlist courses are available the following day. If you place yourself on a waitlist, this information will not be available in MARS waitlist check-in until the following day.

To Check-In using MARS follow steps 1- 5 or visit a MARS Kiosk

1. Call MARS at 403-0500
2. Press 1 for Registration Activities
3. Press 2 for Waitlist Check-In
4. Enter your Student Identification Number (usually your social security number)
5. Enter your PIN (Personal Identification Number)

MARS will either indicate that a specific course was added to your schedule, or that you are still waiting for the course. If the course is received, MARS will confirm that the course was added to your schedule. NOTE that when a course is received from the waitlist it is added to a student's schedule the following day. You may wish to call MARS or access Testudo the next day and list your schedule to verify that the add was processed.

If you have not received the course, and are still on the waitlist, MARS will give your waitlist position and the next mandatory check-in date. MARS will also provide a confirmation number. This number is your assurance that you called MARS for Waitlist check-in that day. **Remember, to remain on the waitlist you must check-in daily once classes begin.**

MARS Waitlist Status: You can check the status of a waitlisted course beginning the day after you register. Call MARS and select Waitlist Check-In from the MARS menu. MARS will list any courses you have received from the waitlist and your waitlist/holdfile position for the section you have not received.

Conflicts: If you call MARS and receive a course from the waitlist which creates a time conflict or causes your schedule to exceed the number of allowable credits, etc., you MUST adjust your schedule by 4:30 p.m. of the following workday. You can use MARS Registration/Schedule Adjustment, come in to the Registrations Office, or call the MARS Helpline (314-1600). If you do not adjust your schedule, a drop will be processed on the course you received from the waitlist.

WAITLIST INFORMATION

1. **You must check-in once a day, either by calling MARS, using Testudo, at a MARS Kiosk or in-person, during the specified period, to remain on the waitlist. Students that do not check-in will be removed from the waitlist.** If a section has already been assigned, the section will be given to the next eligible student.

2. Not all departments offer waitlists for their courses. It is the decision of the department whether or not to offer a waitlist. Some departments have two waitlists - one for eligible majors and one for special populations determined by the department. In those departments where two waitlists are kept, be aware that eligible majors have priority.

3. It is recommended that you complete your schedule with alternative course choices. **BEING PLACED ON A WAITLIST DOES NOT GUARANTEE THAT YOU WILL BE SECTIONED INTO YOUR DESIRED COURSE.**

4. To be eligible for the waitlist/hold file you cannot be registered for any other section of the desired course. If you are currently registered for any other section of the course, you must drop that section before you can be placed on the waitlist. If you remain registered for another section of the same course at the time you waitlist, you will be removed from the waitlists.

5. You may select up to six (6) sections of a course. The first section to become available will be assigned to you by the computer. Since you will now be registered for a section, your name will be removed from the waitlist for that course. If you subsequently refuse the assigned section, that section will be given to the next person waiting for it. You may, at that time, request to be **PLACED AT THE END OF THE WAIT LIST FOR ANOTHER SECTION.**

6. Once you have been placed on a waitlist for a specific course you cannot add any additional sections to the waitlist for that course at the same position. If you later decide to add additional sections they can be added to the end of the waitlist.

7. Students stand a better chance of receiving a course by waitlisting as many sections as possible. However, when waitlisting multiple sections of a course, you should be sure each section fits your schedule unless you plan to drop the course that conflicts with the waitlist section at the time the section is received.

8. Problems resulting from courses received from the waitlist that conflict with a student's schedule must be resolved. After a course is received from the waitlist time conflicts cannot remain on a student's schedule without permission from the student's college. If the course is received and confirmed, students must adjust their schedule in accordance with University policy by 4:30 p.m. of the following workday. If the schedule is not adjusted, a drop will be processed on the received waitlist course.

9. If new sections are opened with exact meeting times to those sections selected, you will be scheduled for the new section by the waitlist processor.

10. Waitlist activity will end the last day of the Schedule Adjustment Period.

11. Students who receive courses from the waitlist prior to the beginning of the semester may receive information regarding phone-in procedures.

WAITLIST FEATURE (7 # # ON MARS)

Waitlisting a course that conflicts in time with another course or waitlisting a course that if received, would allow a student to be enrolled in credits above the maximum credit restriction requires a student to use the Action Code 7 # # while in Registration/Schedule Adjustment. This procedure only allows an override on the registration blocks for waitlisted courses. If the course is received and confirmed, students must adjust their schedule in accordance with University policy by 4:30 p.m. of the following workday. If the schedule is not adjusted, a drop will be processed on the received waitlist course. Additionally, 7 # # allows students to drop a section of a previously waitlisted course, and provides a listing of waitlist courses.

ADDING A COURSE TO THE WAITLIST:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 2, INDEX NUMBER, # #

The course/section has now been added to the waitlist. Listen carefully, you will be prompted to waitlist 5 additional sections if you so desire. The processor will warn you when there are registration blocks associated with your waitlist requests. These will be overridden by the processor. If you receive the course, you MUST resolve the problem by 4:30 p.m. of the following workday to comply with University policy. Failure to adjust your schedule will result in the received class being dropped.

DROPPING A COURSE FROM THE WAITLIST:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 3, INDEX NUMBER, # #. The exact course/section has been deleted from your waitlist record.

OR

Press Action Code 3, # #. *MARS* will list all your waitlist courses/sections. Listen carefully. The system will prompt you to drop the desired waitlist course/section.

LISTING WAITLIST COURSES:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 5, # #. *MARS* will list your waitlist courses/sections and position number.

If you receive a course from the waitlist you must still reconfirm your request. To reconfirm and receive the course go back to the MARS main menu, select Waitlist Check-in (press 2) and follow instructions.

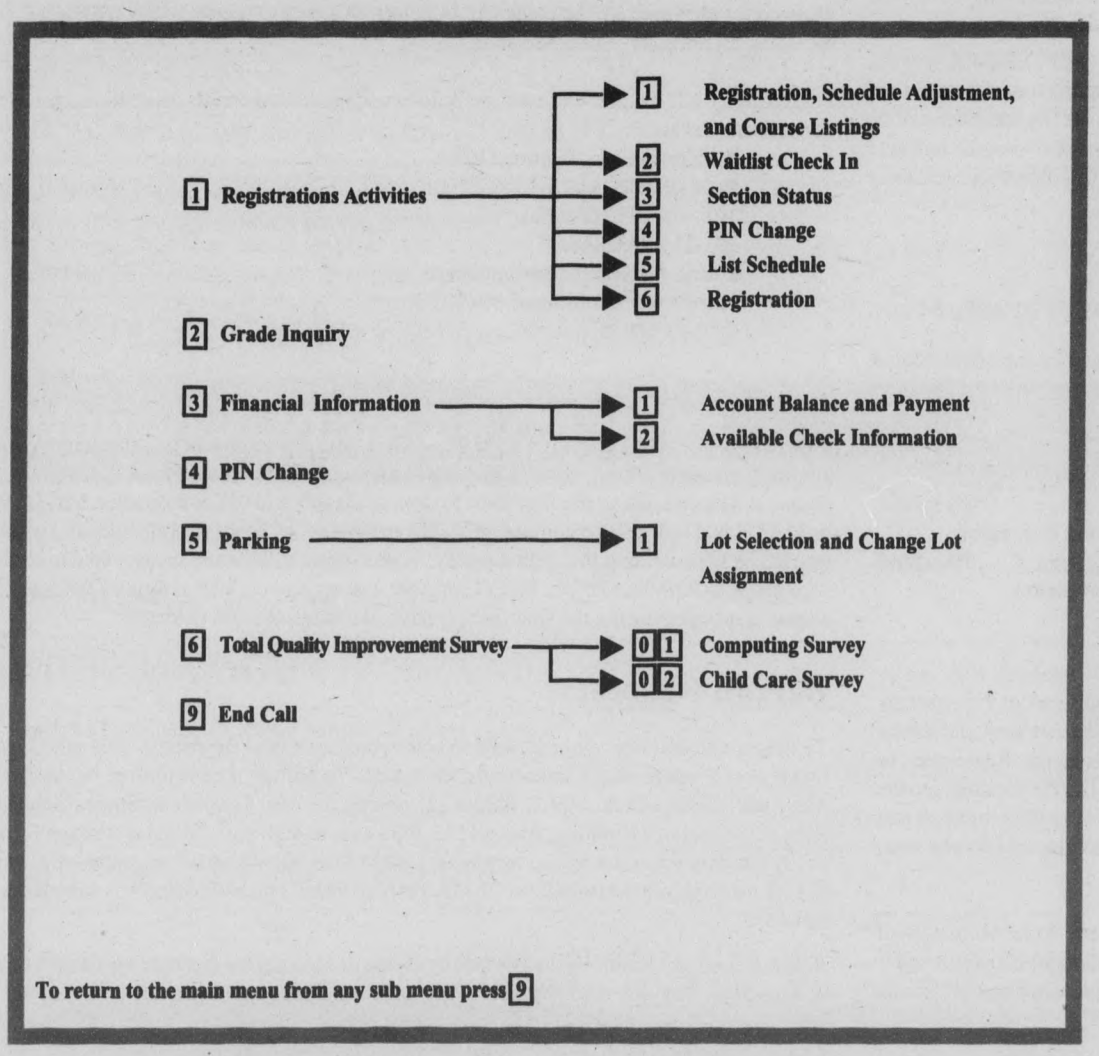
MARS COURSE WORKSHEET 11

TO ADD COURSES FOLLOW STEPS 1 - 8

1. Before processing your registration fill in the boxes below, one course per line. Each course selection is identified in the Schedule of Classes by a unique 5-digit INDEX NUMBER (to the right of the section number). Be prepared with alternate selections. *Note that **MARS** will not allow you to register for any time conflicts.*
2. Call **MARS** 301-403-0500 (from campus call 9-403-0500)
3. Select Registration Activities from the **MARS** main menu (Option 1).
4. Select Registration, Schedule Adjustment, and Course Listings from the Registration Activities menu (Option 1).
5. Enter your student ID number (usually your social security number) ___ ___ ___ - ___ ___ - ___ ___ ___ ___
6. Enter your PIN (Personal Identification Number) ___ ___ ___ ___ ___ ___
7. Add courses to your schedule by pressing Action Code 2, the INDEX NUMBER of the course, and #.
8. After you have entered all ADDS in this format, enter another # to send the information to the computer. Listen carefully, **MARS** will give information about each transaction.

ACTION CODE	INDEX NUMBER		COURSE	SECTION	DAYS	TIMES
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				

Press # after entering your transactions. This # signals the computer to process your requests.



ACTION CODES

ADD A COURSE:

2, INDEX NUMBER, # #

DROP A COURSE:

3, INDEX NUMBER, # #

OR 3 # # , MARS will list courses & prompt you to press 1 to drop or 0 to continue

CHANGE GRADING METHOD:

You have the option to enter a grading method when adding a course. If no grading method is entered, MARS will default, in most cases to regular.

4 INDEX NUMBER * GRADING METHOD # #

1=Regular 2=Pass/Fail 3=Audit 4=Satisfactory/Fail

OR 4 # # to list courses with grading method

CHANGE CREDIT LEVEL:

Limited to variable level courses

8 INDEX NUMBER * NUMBER OF CREDITS # #

(Example: 2 credits=02)

OR 8 # # to list courses with credit levels

LIST YOUR SCHEDULE:

5 # #

LIST OPEN SECTIONS:

MARS will list up to six open sections. You have the option to list open sections that don't conflict with your current schedule, or all open sections for a particular course. MARS will list all available sections or start with a specific section. Be ready to write down open section information and index numbers.

6 # #

To list open sections not conflicting with your schedule press 1

To begin at a specific section enter index number, * #

To list all non-conflicting sections enter any index number for the course, #

-OR-

To list all open sections press 2

To begin at a specific section enter index number, * # -or-

To list all open sections enter any index number for the course, #

WAITLIST FEATURE:

If the course closed, and you are eligible to take the course, *MARS* will prompt you to be placed on the waitlist for up to six sections. If any of these sections are open, *MARS* will tell you. Please note the section and index numbers.

To enter directly into the Waitlist Feature,

7 # # then

2 INDEX NUMBER # # to add a section to the waitlist

3 INDEX NUMBER # # to drop a specific waitlist section

OR 3 # # to be prompted for dropping waitlist sections

5 # # to list waitlist sections

CANCEL TRANSACTION:

To cancel an entry before the # is pressed enter * * #. [You may then reenter your request.]

RETURN TO MAIN MENU:

9 # #

MARS

maryland automated registration system

12 REGISTRATION

CANCELLATION/REFUNDS/GRADUATION

Cancellation of Registration

Students who register and later decide not to attend the University must CANCEL their registration by August 30, 1998. Failure to cancel registration will result in financial obligation to the University of Maryland even though the student does not attend class.

To Cancel Your Registration on or before August 30, 1998

1. Your cancellation request must be received in writing by:

   Office of the Registrar
   1st Floor, Mitchell Building, University of Maryland
   College Park, Maryland 20742
   or FAX to 301-314-9568

Since the University can honor only those requests for cancellation which are actually received by AUGUST 30, 1998 requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT IDENTIFICATION NUMBER ON ALL CORRESPONDENCE.

2. For additional information concerning cancellation call the Registrar's Office at 301-314-8240.
3. Cancellation of Housing and Dining Services is a separate process. See page 17 for information.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 12 or more.

PRIOR TO THE FIRST DAY OF CLASSES, AUGUST 31, 1998 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to 11 or less, charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to 12 or more, the student will be charged for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, AUGUST 31- SEPTEMBER 4, 1998, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eleven or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time tuition and fees and appropriate part-time charges. After the first five days of classes, there is no refund for changing from full-time to part-time status.

Refund Schedule for Drops
Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. August 30, or earlier (prior to the first day of classes) ..... 100% refund.
   There will be no charge for courses dropped prior to this date.
2. August 31-September 4 (first five days of classes) ..... 80% refund.
   There will be a 20% charge imposed for courses dropped during this period.
3. September 5 and after (anytime after the first five days of classes) ..... 0% refund.
   Student will incur full charge for courses dropped during this period.

IMPORTANT NOTES:

First ten days of classes (from August 31-September 14): Students will not be charged to drop and add a course if they are of equal credit value, for example dropping CHEM 678 and adding CHEM 691 (both three credit courses), and if they are processed on the same day. This is considered an even exchange. Remember, to avoid additional tuition charges when dropping and adding, BOTH the drop and the add must be done during the same day. The total number of credits dropped and added must be equal. Courses taken at Shady Grove are not elegible for the even exchange calculation.

After the first ten days of classes (September 15 and later): Even exchanges of dropped and added credits will not be accepted. ***Courses added and dropped after the 10th day of classes will be charged as follows: there will be no refund for the drop, and 100% charge per credit for any adds.***

Candidates for December 1998 Graduation

Deadline to apply for a diploma dated December 1998 ..... September 14, 1998

Both graduate and undergraduate students must apply for a diploma dated December 1998 by September 14, 1998. Diploma applications can be processed several ways. Choose the most convenient for you:

1. Testudo - Use Testudo Interactive Student Services on the web at www.testudo.umd.edu. Select *Records and Registrations Services*, then *apply for Graduation.*
2. MARS - Call the Maryland Automated Registration System at 301-403-0500.
3. Visit a MARS Kiosk located in Van Munching Hall, the Stamp Union, Ellicott Dining Hall, and first floor Mitchell Building.
4. Come to the Registration Counter, first floor lobby, Mitchell Building to complete an application.

NOTE: COMMENCEMENT DATE HAS BEEN CHANGED TO DECEMBER 20, 1998

Reclassification to In-State Status

If you wish to change your out-of-state classification you may do so by filing a timely Petition of In-State Status. Information sessions will be held at the beginning of the semester. The deadline for meeting the twelve month requirements for in-state status and for submitting a petition and supporting documentation is the last day of late registration for the semester you wish to be classified as an in-state student. Requests for retroactive changes in-state status are not granted.

Deadline for Fall 1998 .....September 11, 1998

It is imperative that students obtain a petition as soon as possible. Late petitions will not be accepted. The volume of petitions for review of eligibility may necessitate a delay in completing the review process. It is to your advantage to apply early. It is hoped that a final decision for each case will be made within ninety (90) days of receipt of a complete petition including all necessary documentation.

For residency self-evaluation forms, walk-in hours, petition materials or additional information, please contact:

Residency Classification Office
Room 0405B, Marie Mount Hall
301-405-2030 (Phone)
301-314-9832 (Fax)
e-mail: resclass@deans.umd.edu
http://www.inform.umd.edu/RCO

Refunds for Special Courses

COOP 098/099, MATH 001, MATH 002—Refunds: A part-time or full-time undergraduate who drops MATH 001 or MATH 002 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% or thereafter. MATH 001 or MATH 002 will still be counted in the determination of hours for full-time or part-time status, not withstanding the refund policy. A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Refund Requests

To obtain a refund from your student account you may apply in writing. This can be done by either: (1) addressing a letter to the Office of The Bursar, Lee Building; University of Maryland, College Park, MD 20742, or (2) visiting the office in person: Student Financial Service Center, Lee Building, Room 1135, 8:30 a.m. to 4:30 p.m., Monday through Friday, or (3) you may request a refund by phone. Call MARS 301-403-0500 and start with option #"3" (Financial Information) from the MARS main menu. No credit balance is automatically refunded.

Refunds from payments originally made by cash are ordered from the State Treasurer's Office in Annapolis. They are made payable to the student and take approximately 3 weeks after the refund is requested to be mailed to the students permanent address of record. Students with a credit balance of $100.00 or less may be entitled to a cash refund. Please visit the Student Financial Service Center Office, Room 1135 Lee Building, with an identification card to obtain the cash refund voucher.

Refunds from payment originally made with a credit card must be refunded to the card originally charged. Credit card refunds are processed electronically and take approximately 1 week after the refund is requested. Please include your credit card number and expiration date in your request. A credit receipt will be mailed to the address listed on the refund request.

REGISTRATION 13

Fall 1998 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE+	September 14
CANCEL REGISTRATION FOR FALL 1998	August 30
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates for billing purposes)	see penalties for Drops page 12
CHANGE CREDIT LEVEL (Undergraduates) (Graduate Students - November 9)	September 14
DIPLOMA APPLICATION (for December 1998 Graduation and diploma dated December 1998)	September 14
DROP A COURSE (Undergraduates only) * without "W" mark * with "W" mark (4 credit drop limit)	 September 14 November 9
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	see penalties for Drops pages 6 & 12
CHANGE GRADING OPTION (Graduate Students - November 9)	September 14
GRADUATE MAIL-IN REGISTRATION	August 7
GRADUATE STUDENTS - LAST DAY TO ADJUST SCHEDULE (drop, add, change grading option, credit level) • Graduate students do not receive "W"s. They must have a department stamp to add courses after 9/14/98. • Refund period ends 9/4/98. See pages 6 & 12 for specific dates.	November 9
LATE REGISTRATION ($20 fee begins 8/31/98)	September 14

Withdraw From All Courses	Last Day
WITHDRAW WITH 100% REFUND (CANCEL)	August 30
WITHDRAW WITH 80% REFUND	September 14
WITHDRAW WITH 60% REFUND	September 21
WITHDRAW WITH 40% REFUND	September 28
WITHDRAW WITH 20% REFUND	October 5
WITHDRAW WITH 0% REFUND	December 11

GO TO ROOM 1101 MITCHELL BLDG. TO PROCESS A WITHDRAWAL.
SEE PAGE 17 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., September 14, 1998

+ Late Registration (with $20 fee) begins August 31, 1998.

* a "W" is used to indicate withdrawal from a course in which the student was enrolled at the end of the Schedule Adjustment Period. This mark is NOT used in any computation of quality points or cumulative average totals at the end of the semester.

FULL-TIME STATUS FOR UNDERGRADUATES IS DEFINED AS 12 OR MORE CREDITS

SEE PAGE 40 FOR POLICY

DEADLINES FOR ALL STUDENTS

14 PARKING INFO

Call MARS to register for your Campus Parking Permit

PARKING REGISTRATION INFORMATION

WHO??

All students who plan to attend the University during the Fall 1998 semester and who plan to park a motor vehicle on campus must register with the Department of Campus Parking (DCP) for a parking permit or park at a paid meter, or park in a cashier attended area.

WHEN??

You can register for your Fall parking permit through MARS (MARYLAND AUTOMATED REGISTRATION SYSTEM) by calling 301-403-0500, or at a MARS Kiosk by August 27, 1998.

HOW??

Read all the information below and then call MARS at 301-403-0500. Listen carefully to MARS instructions. When you select Campus Parking's Application in MARS you will have four choices, (1) to apply for a parking permit for the 1998-99 academic year, (2) to listen to information concerning services available through Campus Parking, (3) to apply for a meter debit card, or (4) to apply for a Fall semester only parking permit. If you register at a MARS Kiosk follow the directions given on each screen.

① Before calling MARS for Parking Application read through and be prepared to answer the following questions:

? Do you want your permit mailed or do you want to pick it up at the DCP Office?
? Are you planning to live in the Graham Cracker Complex?
? Are you planning to live on Fraternity Row?
? Are you planning to live on campus?
? Are you planning to commute to UMCP? *(Junior, Senior & Grad Students be prepared to select a lot)*?
? Will you need a decal for a motorcycle?
? Will you need a decal for a convertible or "jeep" type canvas top vehicle?
? Do you have disabled parking privileges?
? Are you a Golden ID Program Student?

② Call MARS at 403-0500. Listen carefully to MARS for application instructions.

NOTE: For your convenience DCP has four direct phone lines to MARS available for your use. These phone are located in the lobby of the DCP Office and are accessible during business hours.

✆ Select CAMPUS PARKING APPLICATION from the MARS Main Menu
✆ Press 1 to apply for parking permit

- OR -

✆ Press 2 to listen to information about Department of Campus Parking services
✆ Listen carefully to MARS for further instructions

Please read the information below before applying for your parking permit.

1. Your student account will be charged after you register for parking: The registration fee is $65.00 for the academic year and $39.00 for Fall semester only for commuter permits and $121.00 for the academic year and $73.00 for Fall semester only for campus resident students. (Additionally, if you purchase a parking meter debit card your student account will be charged $20.00)

2. Students will be assigned a specific parking lot.

3. Undergraduate and graduate commuter student lot assignment is based on your credit level according to the following chart:

Credit level 0-27	(Freshman)	- Assigned to lot 4
Credit level 28-55	(Sophomore)	- Assigned to lot 4
Credit level 56-85	(Junior)	- Choice of lots 1,4,11, SDG (gated area in new Stadium Drive Garage, Stadium Dr. & Bryd Stadium, replaces the 500 spaces lost in lot 1b). Based on space availability.
Credit level 86 +	(Senior)	- Choice of lots 1,4,11, SDG (see above). Based on space availability.
Graduate Students		- Choice of lots 1,4,11, SDG (see above). Based on space availability.

4. Golden Identification students can register through MARS for parking. Golden ID students will automatically be assigned a GI permit which allows parking in lots 1, 4, 5, & 11.

5. Campus residents with 56 or more credits will be assigned a parking lot based on their campus residence address. This includes the Graham Cracker Complex.

6. Campus resident students with 55 or less credits will be assigned a parking lot based on available space.

Fraternity Row	
Credit level 0-27	Assigned to lot 4
Credit level 28-55	Assigned to lot 16 (if available)
North & South Hill	
Credit level 0-55	Assigned to lot 2 (if available)
Graham Cracker Complex	
Credit level 0-55	Cannot register through MARS. Contact DCP.

7. You can have your permit mailed to your permanent address or you may select to pick up your permit at the DCP Office beginning August 19, 1998. At this time you will also receive a "Campus Parking Map and Informational Parking Guide." Permits will be mailed on or after August 7, 1998.

8. Students who have disabled parking privileges must register for their regular lot assignment parking permit through MARS and indicate that they have disabled parking privileges . *Read Disabled Parking below for information and instructions.*

9. DCP issues a decal to motorcycles and "jeep" type canvas top vehicles and convertibles. Students may choose to register either a motorcycle or canvas top vehicle, but not both types. Students with these types of vehicles will also receive a hanging permit.

SEMESTER PARKING PERMIT

Beginning in the Fall 1998 semester, students will have the option to purchase a one-semester parking permit. This type of permit is designed for students who will graduate in December and non-graduating students who only plan on attending the Fall Semester. Call MARS for more details.

WALK-IN PARKING REGISTRATION

Students who do not take advantage of registering for a parking permit through MARS may complete the process through walk-in registration at the DCP office beginning August 19, 1998 during business hours. DCP will have extended business hours form 8:15 a.m. to 6:00 p.m. on Thursday, August 27, 1998; Monday, August 31, 1998; and Tuesday, September 1. 1998. You will need to show your student ID card. Parking fees may be placed on your student account. Payment can be made by check, cash, or credit card (Discover, Mastercard, Visa).

PARKING METER DEBIT CARD

Students can purchase, through MARS, a pre-paid Parking Meter Debit Card which can be used at any campus electronic meter. Just insert the card in the meter and put the amount of time you need on the meter. When you return a refund of unused time, in increments of 30 minutes, can be returned to your card. You can purchase one of these cards for $20.00 (there is a one time nonrefundable $3.00 charge for the card, the actual meter value is $17.00). You can add value to this card (maximum of $50.00) and use it throughout the year(s). If you decide to purchase this card you can pick it up at the DCP office on or after August 19, 1998.

DISABLED PARKING

All persons associated with the University (including those displaying a State disabled permit or tag) must purchase and display a UMCP-DCP hanging permit for the current year. Only persons for whom the disabled parking privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking area.

BICYCLES AND MOPEDS

Bicycles and mopeds need not be registered, but should be parked in bicycle racks provided on campus. Securing or parking a bicycle or moped in any manner which would obstruct vehicles or pedestrians is prohibited. A bicycle or moped locked to any part on either side of the railing of an access ramp could make entering or exiting the building difficult or impossible for a person with a disability. Bicycles or mopeds that obstruct an access ramp that is part of an exit are in violation of the Maryland Fire Prevention Code and subject to impoundment.

Please contact the Department of Campus Parking on 301-314-PARK with any questions related to parking on the University of Maryland campus. Business hours of operation are Monday through Thursday, 8:15 a.m. - 5:00 p.m. and Friday 8:15 a.m.- 4:00 p.m., excluding University holidays.

EXAM SCHEDULE 15

A final examination shall be given in every undergraduate course. Exceptions may be made with the written approval of the chair, the director, or the dean of the department, non-departmentalized school or college as appropriate. However, a student's final course grade shall be based on a combination of assesments that is at least the equivalent of a comprehensive examination.

No final examination shall or equivalent may be given or due during the last week of classes. All in-class final examinations must be held on the date and at the time listed in this Official Examination Schedule. Out-of-class final examination or equivalent assessments shall be due on the date and at the time listed in this Official Examination Schedule.

The University has no policy on the number of finals a student can take on one day. Students are strongly encouraged to check the final exam schedule before registering for courses.

For additional information, see Attendance and Assessment in this Schedule of Classes.

1. FALL 1998 STANDARD FINAL EXAM TABLE

Exam Time	December 14 Monday	December 15 Tuesday	December 16 Wednesday	December 17 Thursday	December 18 Friday	December 19 Saturday
Alternate Snow Date*	*To Be Announced*	*To Be Announced*	*To Be Announced*	*To Be Announced*	*To Be Announced*	*To Be Announced*
8:00-10:00	TuTh 2 TuTh 2-3:15	TuTh 11 TuTh 11-12:15	TuTh 8 TuTh 8-9:15	MWF 1	TuTh 12 TuTh 12:30-1:45	TuTh 3 TuTh 3:30-4:45
10:30-12:30	MWF 11 MW 11-12:15	CHEM 103, 113 233, 243	MWF 2 MW 2-3:15	TuTh 9 TuTh 9:30-10:45	MWF 10	MWF 12 MW 12:30-1:45
1:30-3:30	MATH 001, 002, 110, 111, 113, 115, 140, 140H, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 246E, 246H STAT 100	MWF 9 MW 9:30-10:45	ECON 200 EDMS 451 ITAL 101, 102, 203 SPAN 202	CMSC 102 ECON 201 EDMS 410 HEBR 111	BMGT 220, 340 GERM 101, 102, 201, 202 JAPN 101	BMGT 380 CMSC 114, 214 FREN 101, 102, 103, 203 RUSS 101, 201
4:00-6:00	BMGT 350 TuTh 1	BMGT 311, 332, 424 ENES 220	BMGT 310, 422, 440 CMSC 150	MWF 3 MW 3:30-4:45	BMGT 364 CMSC 106 TuTh 10	MWF 8 MW 8-9:15

*** Alternative Snow Date - Exams will be held at same time and in the same room as originally scheduled**

2. FALL 1998 EXAMS FOR CLASSES BEGINNING AT 4 P.M. & LATER

Final examinations for classes beginning 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. For example, classes scheduled on Tuesday, 4:15-7:00 p.m. have their exams on Tuesday, December 15 at 4:15 p.m. Classes scheduled on Thursday at 4:00 p.m. and later have their final exams on Thursday, December 17. Classes that meet both Tuesday and Thursday 4:00 p.m. and later should have exams on Tuesday December 15. Classes that meet both Monday and Wednesday 4:00 p.m. and later should have exams on Monday, December 14. Exams will be given in regularly scheduled classrooms. The department will notify faculty of any exceptions to the time and room.

3. FALL 1998 COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above grid. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

BMGT 220, 310, 311, 332, 340, 350, 364, 380, 422, 424, 440
CHEM 103, 113, 233, 243
CMSC 102, 106, 114, 150, 214
ECON 200, 201,
EDMS 410,451
ENES 220
FREN 101, 102, 103, 203
GERM 101, 102, 201, 202
HEBR 111
ITAL 101, 102, 203
JAPN 101
MATH 001, 002, 110, 111, 113, 115, 140, 140H, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246,246E, 246H
RUSS 101, 201
SPAN 202
STAT100

4. FALL 1998 EXAMS FOR BGMT COURSES NUMBERED 600 & ABOVE

Final examinations for BGMT courses numbered 600 and above do not follow the schedule outlined in sections 1-3 above. These exams are generally three hours in length. Exam dates and times will be announced in class.

FINAL EXAM SCHEDULE FALL 1998

16 FEES - FALL 1998

FINANCIAL INFORMATION

TUITION, FEES AND OTHER EXPENSES

An Important Fee Notice. Although changes in fees will be ordinarily announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees- **(*Includes mandatory fees)**

[1]Full-Time Undergraduate Students, Maryland Residents 2,349.50

[1]Full-Time Undergraduate Students from The District of Columbia and all other states and other countries 5,610.50

PART-TIME UNDERGRADUATES- **(In-state $170.00 per credit hour. Out-of-state $434.00 per credit hour)**

CREDIT HOURS		1	2	3	4	5	6	7	8	9	10	11
*COST	In-state	347.50	517.50	687.50	857.50	1027.50	1197.50	1367.50	1537.50	1707.50	1877.50	2047.50
	Out-of-state	611.50	1045.50	1479.50	1913.50	2347.50	2781.50	3215.50	3649.50	4083.50	4517.50	4951.50

GRADUATE IN-STATE- **$272.00 per credit hour[2]**

CREDIT HOURS	1	2	3	4	5	6	7	8	9	10	11	12	13
*COST	443.00	715.00	987.00	1259.00	1531.00	1803.00	2075.00	2347.00	2730.00	3002.00	3274.00	3546.00	3818.00

GRADUATE OUT-OF-STATE- **$400.00 per credit hour[2]**

CREDIT HOURS	1	2	3	4	5	6	7	8	9	10	11	12	13
*COST	571.00	971.00	1371.00	1771.00	2171.00	2571.00	2971.00	3371.00	3882.00	4282.00	4682.00	5082.00	5482.00

*Includes all mandatory fees

Campus Point Plan (Dining Services) ..... Lite 1,160.00
Regular 1,260.00
Plus 1,360.00

Room, University Residence Hall. Maryland Residents/Non-Residents 1,664.00
Telecommunications Fee 70.00
Parking Registration Fee ..... Campus Resident 121.00
Commuter 65.00
Special Mathematics Fee (MATH 001/002) 240.00
Special Engineering Fee (ENCO/009) ..... 60.00[3]
Special COOP Fee (COOP/099) ..... 60.00[3]
Continuous Registration Fee (Doctoral Candidates) 10.00
Late Registration Fee (Beginning August 31, 1998) 20.00
Student Teaching Fee 240.00
Credit by Exam Fee:
All Undergraduate and Full-Time Graduate Students (per course) 30.00
Part-Time Graduate Students (per credit hour) ..... See Above
Audit courses are charged the same as a course taken for credit ..... See Above
Maryland English Institute-Intensive 3797.00
Maryland English Institute-Semi Intensive Program 1898.50
Maryland English Institute-Pronunciation Program 482.00
Maryland English Institute-Fluency Program 642.00
ORIENTATION FEES:
Student One Day 73.00
Student Two Days 104.00
One Parent 38.00
Two Parents 76.00

[1]For billing purposes, Undergraduate Full-Time Status is defined as a registration for 12 credits or more
[2]A Student who has been admitted to the Graduate School will be charged the Graduate Credit Hour fee for all courses regardless of the level of the course
[3]An $18.00 fee will be charged for special course registration
These fees are subject to change

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE FALL SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents.

Tuition Plan

The University currently sponsors two payment plans for use in paying tuition, room, board and telecommunication fees. Enrollment for 1998-99 began in April 1998, and applications for the 1998-99 school year are available from the Student Financial Service Center.

NOTE: Students enrolling in payment plans should deduct all financial aid or be prepared to use aid to reduce the amount owed on a payment plan.

Questions for general information on payment plans can be directed to The Student Financial Service Center at 301-314-9000.

Tuition Notes

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and the service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration may be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration may be cancelled unless and until his/her account balance is paid in full by a prescribed date.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA, MASTERCARD OR DISCOVER. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS CAN ONLY BE ACCEPTED BY CALLING MARS AT 403-0500, AND SELECTING FINANCIAL INFORMATION FROM THE MARS MAIN MENU.

Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1135 of the Lee Building, or by phoning 405-9041, if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:30 p.m. Monday through Friday. Students may also obtain their account balance by phoning MARS at 403-0500 from a touchtone telephone.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustment, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing and sent to the Office of the Bursar. It is emphasized that any portion of the bill not in dispute must be paid in accordance with the due date on the bill. All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

The state has established, under legislative mandate, a CENTRAL COLLECTION UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit. ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs: incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer past due accounts to the State Central Collections Unit. The minimum collection fee is 17% plus any attorney and/or court costs. This collection fee is separate and distinct from any late payment fee the student may already have incurred and will not be reduced or offset by the amount of that late payment fee.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $40.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged $17.50. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle busses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.

The Student Activities Fee: Refundable upon withdrawal. $23.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates are charged a fee of $12.00. Graduate students are charged a fee of $2.50. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.

The Athletic Fee: Refundable upon withdrawal. $109.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduate and all Graduate Students are charged $29.00. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.

The Shuttle Bus Fee: Refundable upon withdrawal $45.50 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $23.00. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.

The Stamp Union and Recreational Fee: Refundable upon withdrawal $104.50 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $56.00 The Stamp Union and Recreation Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.

The Building Recreation Fee: Refundable upon withdrawal. $80.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $40.00. The Building Recreation Fee is paid into a fund which supports the construction and operation of Ritchie Coliseum and the new Campus Recreation Building.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of the Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.

Undergraduate Application Fee: $45.00 — Charged to all new Undergraduate Applicants. Those who have previously enrolled at the University of Maryland at College Park will not be required to pay the fee.

Graduate Application Fee: $50.00 required of all students.

***Pre-College Orientation Program Registration Fee:** $104.00 (two day program) $38.00 (one parent)
$73.00 (one day program) $76.00 (two parent)

Late Registration Fee: $20.00. All students are expected to complete their registration before the first day of classes. Those who do not complete their initial registration prior to the first day of classes will be assessed this fee.

Special Fee for students requiring additional preparation in Mathematics. MATH 001 or MATH 002 — $200.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail a qualifying examination for these courses.)

A student enrolled in MATH 001 or MATH 002 concurrently enrolled for nine or more credit hours will be considered as a full-time student for purpose of assessing fees. Students taking only MATH 001 or MATH 002, pay for three credits plus the special fee. A 3-credit course plus MATH 001 or MATH 002 results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.

Cooperative Education Program in Liberal Arts and Business (COOP 099): $60.00 each

Engineering CO-OP Program (ENCO 099): $60.00 each

Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.

Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.

Student Teaching Fee: All student teachers are required to pay a $240.00 fee for their entire student teaching experience.

Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students.

Vehicle Registration Fee: Commuters $65.00. Residents $121.00. Fee is required of all students registered for classes on the College Park Campus and who drive on campus.

Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $275.00 per semester.

Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.

For checks up to $100.00: $10.00
For checks from $100.01 to $500.00: $25.00
For checks over $500.01: $50.00

When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 17% collection charge is added to the charges posted to the student's account at the time the transfer is made. When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.

Library Charges: $ .35 - Fine for failure to return a book from General Library before expiration of loan period per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day:$.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutilation of book, satisfactory restitution must be made.

Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.

Property Damage Charges: Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage will be pro-rated among the individuals involved.

Late Payment Fee: Students who fail to pay the balance due on their account are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

Architecture Studies Fee:$75.00

Landscape Architecture Key Fee: $25.00

Landscape Architecture Studio Fee: $200.00

Applied Music Fee: $200.00 (for all students in applied music courses)

Business & Management Student Fee: $265.00 full-time students; $175.00 part-time students

Life Science Lab Fee: $40.00 is assessed for most Life Science courses (*per course charge*).

Please note that many graduate programs such as MBA, ENTS or Reliability Engineering have increased rates or special fees. Graduate students are advised to check with their department to determine these charges.

Please note that many graduate program such as MBA, ENTS or Reliability Engineering have increased rates or special fees. Graduate students are advised to check with their department to determine these charges.

Student Financial Service Center is online at http://comptroller.umd.edu/bursar/

Billing Information

Bills for payment of fees are mailed in July and August to students who have registered prior to August 7, 1998 for Fall courses. Payment in full must be made by the dates in the following chart:

If you registered:	*Payment in full is due:*
by July 10, 1998	**August 7, 1998**
between July 11, 1998 and August 7, 1998	**September 4, 1998**
after August 7, 1998	**in person by September 9, 1998**

NO BILL IS MAILED FOR STUDENTS WHO REGISTER AFTER AUGUST 7, 1998. ALL CHARGES INCURRED AFTER AUGUST 7, 1998 TO SEPTEMBER 9, 1998 ARE DUE ON SEPTEMBER 9, 1998 WITHOUT EXCEPTIONS. PLEASE CONTACT THE STUDENT FINANCIAL SERVICES CENTER TO VERIFY THE AMOUNT OWED.

Accounts not paid by the appropriate due date are delinquent and subject to the assessment of a late payment of $10.00 or 5%, whichever is higher, and referral to the State Central Collections Unit in Baltimore and/or cancellation of registration. Students with Stafford Loans must pay their bill in full in the event their loan funds have not been received by the University by September 9, 1998.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, Lee Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:30 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check may drop the payment in the Bursar's Mail Remittances hallway drop slot in the Lee Building, any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA, MASTERCARD OR DISCOVER CARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. PHONE-IN PAYMENTS CAN BE MADE BY CALLING MARS at 301-403-0500.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.

Students who register after August 7, 1998 will be required to make full payment in person to the cashier by September 9, 1998 to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, PHONE PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions about their bills may obtain print-outs of their financial accounts by coming to Room 1135 of the Lee Building between 8:30 a.m. and 4:30 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event such third party fails to honor its agreement, the University reserves the right to bill the student directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collection Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.
FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN ADDING A LATE PAYMENT FEE OF $10.00 or 5%, WHICHEVER IS HIGHER PLUS A 1.5% MONTHLY FINANCE CHARGE, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 17% COLLECTIONS CHARGES ARE ADDED AT THIS TIME. THIS COLLECTION FEE IS SEPARATE AND DISTINCT FROM ANY LATE PAYMENT FEE THE STUDENT MAY ALREADY HAVE INCURRED AND WILL NOT BE REDUCED OR OFFSET BY THE AMOUNT OF THAT LATE PAYMENT FEE.
MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Tuition Remission Policy *(Spouse and Dependent Children)*

The University Board of Regents approved a tuition remission policy in 1990 for spouse and dependent children of permanent employees (50% time or more). The policy provides full tuition for a first undergraduate degree for the spouse and dependent children of permanent full time (100%) employees. The spouse and dependent children of permanent part-time (50% or more) employees will be eligible for tuition remission based on the percent of time on the payroll. Restrictions apply for spouse and dependent children of permanent employees hired on or after January 1, 1990. In addition, tuition remission benefits for the spouses and dependent children of permanent faculty and permanent staff whose period of employment began on or after July 1, 1992 shall be available for a first undergraduate degree only after the faculty or staff member has been in the university services for two years prior to the anticipated date of registration for course work. Courses must be taken at the campus of employment. Forms are available at each campus personnel department. If using the benefit at UM, after obtaining the department head signature, the completed tuition remission form is to be forwarded, in a sealed envelope to the UM Personnel Services Department, Staff Benefits Office no later than July 1, 1998. If the established cap has not been reached by July 1, 1998, all forms submitted to-date will be approved, and forms will continue to be accepted and processed on a first-come, first-served basis until the cap is reached. If the student receiving the tuition remission drops classes or withdraws from the University, all or part of the tuition costs may be charged to the student. Questions regarding tuition remission for the spouse and dependent children of employees can be directed to the Personnel Services Department, Staff Benefits Office, 301-405-5658.

Leave of Absence

A leave of absence is available for students wishing to take time away from the University for personal or academic reasons with the intention of returning the next semester. The leave of absence status is especially helpful for recipients of Federal Financial Aid. The student is not considered to be withdrawn, and is still enrolled for purposes of deferring repayment of federal loans. The leave of absence is only available for the last 60 days of the semester, and the student must return the following semester.

Please note: For students using this for Financial Aid deferment, only one leave of absence can be granted in any 12 month period.

With an approved leave of absence the student may automatically return the next semester, and all registration privileges will be extended. Additional information and forms for applying for a leave of absence are available from Student Services, Room 1101 Mitchell Building, University of Maryland at College Park, College Park, MD 20742.

Withdrawal from the University

Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Petition for Release from the Residence Halls/Dining Services Agreement below.

August 31 or later

1. All students should report to Room 1101, Mitchell Building to complete a withdrawal form. If unable to report in person, send a letter to Room 1101, Mitchell Bldg. University of Maryland, College Park, MD 20742 or send a fax request to (301) 314-9568
2. Withdrawal becomes effective on the date the form is filed with the Registrar's Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent record.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Registrar's Office.
4. Refer to the chart below for refund information. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, Lee Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of tuition and fees for Withdrawal from All Courses

	Resident	Undergraduate Non-resident	Undergraduate
On or before August 30	100%	2249.50	5610.50
August 31 - September 14	80%	1879.60	4488.40
September 15-21	60%	1409.70	3366.30
September 22-28	40%	939.80	2244.20
September 29 - October 5	20%	469.90	1122.10
October 6 and later	0%	0.00	0.00

NOTES:
1. Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.
2. Students receiving Title IV funds will have their refunds calculated in accordance with Federal Regulations.
3. In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.
4. Only amounts in excess of the non-refundable enrollment deposit will be refunded.

Petitioning for Release from the Residence Halls/Dining Services Agreement

Once a student has submitted a Residence Halls/Dining Services Agreement to the Department of Residence Life, he/she is expected to use and pay for on-campus housing and meal services for the entire 1998-1999 academic year.

Different procedures apply for returning residents than for new students who change their plans and want to be released from this Agreement. Please refer to the Cancellation and Refund section of the Agreement for full information about deadlines and cancellation fees, or contact Resident Life by phone at 301-314-2100 or e-mail at reslife@umdacc.umd.edu.

Returning Resident Students
Beginning April 1998, once they have chosen a room with standing as Returning Residents according to Resident Life's procedures, and through May 1999, residents must petition Resident Life for release from the Agreement and are no longer elegible to simply request cancellation of the Agreement. Petitions are written requests with supporting documentation which establish that the Returning Resident is not able to fulfill his/her obligation to the Agreement because of:

- withdrawal from classes
- graduation
- transfer to another institution/disenrollment
- marriage
- student teaching placement or co-op work in conjunction with a University-sponsored accredited program
- Study Abroad, Honors Exchange, National Student Exchange
- other conditions stipulated in Resident Life's Procedures for Release from the Agreement brochure.

Petitions and supporting documentation must be submitted to Resident Life, 2100 Annapolis Hall, by the dates indicated below in the chart.

New-to Housing Students
For new-to-residence halls students (i.e. no prior semester of occupancy), release from the Agreement will be approved when a new resident's signed request for release is received by Resident Life on or before July 6, 1998 (or December 3, 1998 for individuals new to housing for the Spring 1999 semester). If notice is received after these dates and before keys are issued, the individual, regardless of his/her University Status, will be charged a release fee:

Notice for Fall 1998	**Amount of Charges**
By July 6, 1998	No release fee
July 7-20, 1998	1/2 week's housing cost
July 21- August 2, 1998	1 week's housing cost
August 3-16, 1998	1 1/2 weeks' housing cost
After August 16 1998 and prior to check-in	2 weeks' housing cost

Notice from ENTERING Spring 1999 Resident	**Amount of Charges**
By December 3, 1998	No release fee
December 4-17, 1998	1/2 week's housing cost
December 18-31, 1998	1 week's housing cost
January 1-14, 1999	1 1/2 weeks' housing cost
After January 14, 1999 and prior to check-in	2 weeks' housing cost

New residents' requests for release must be sent directly (certified mail suggested) to:
Resident Life Assignment Office
2100 Annapolis Hall
College Park, MD 20742-9819

All Resident Students:
After a student claims services (i.e., keys issued), payments for housing, dining and resident telecommunications services are not refundable until and unless the student petitions, receives written approval for and effectively completes release procedures as stated in the Agreement and Resident Life's Procedures for Release brochure.

(a) Petitions for release- effective at the end of the Fall semester or the start of the Spring semester - must be submitted to Resident Life before 4:30 p.m., December 3, 1998 in order to avoid incurring the charges identified in the chart above in the event the request is approved by Resident Life.

(b) Requests for release from the Agreement which are to be effective Spring 1999 will not be approved after the first day of the Spring semester classes except for reasons of disenrollment.

18 FINANCIAL

STUDENT FINANCIAL AID

STUDENT FINANCIAL AID

General Regulations Governing Receipt of Aid

Any student receiving financial aid who is contemplating dropping credits should see his or her Financial Aid Counselor before taking such action. Students receiving certain types of financial assistance are expected to attempt or maintain a minimum semester credit load in order to keep the full aid award (see the *Financial Aid Award Guide* for specifics). Neither credit earned by examination nor courses taken as "audit" can be counted toward the minimum credit level. If the recipient's enrollment level drops below the minimum requirement, the aid is automatically reduced or canceled. The student is then responsible for paying any resulting balance on his or her student account. Failure to pay the balance in a timely manner may lead to assessment of late fees and finance charges, or to severance of services by the University.

A student who has not received final approval of a financial aid award and accepted the award should expect neither a credit on his or her account nor a check at the time of registration. Unless financial aid has been awarded to and accepted by the student, no deferment of the bill will be granted, and the student should be prepared to pay his or her bill by the first day of classes.

Students sponsored by an agency or employer remain responsible for their fees. When payment is not received by the University from the sponsor, the student will be charged.

Students who register early will have their bills mailed to them. Students enrolling during Walk-In Registration will complete an estimated bill form at registration time. The following information may be helpful:

1. All accepted aid, except Federal PLUS Loans, Federal Work-Study, and National Merit Scholarships, will be credited directly to the student's account when the student has completed all paperwork to accept the award (see below). Checks for any credit remaining on the account after all charges are paid will be automatically requested for those students receiving financial aid. If awarded financial aid has not been credited on the early registration bill, deduct the approved and accepted financial aid amount for the semester, and pay the remaining balance.
2. Refund checks will be mailed to your mailing address or electronically transferred to your bank account, depending upon what arrangements you have made with the Bursar's Office.
3. Dining Hall Workships will be credited to the bill after the recipient signs a Workship contract with Dining Services.
4. Federal Work-Study and other university student employment will be paid to the student bi-weekly as work is performed.
5. Students who are awarded Federal Perkins Loans must sign promissory notes and associated forms each award year in order for the loan funds to be credited to their student accounts. The funds cannot be disbursed if the student has not completed these forms. Students who have been awarded Federal Perkins Loans will have promissary notes mailed for signatures and should return completed forms to the Office of the Bursar to receive credit.
6. **Students contemplating a withdrawal should consult a Financial Aid Counselor prior to the withdrawal. Aid may be cancelled or prorated based on attendance.**

Satisfactory Academic Progress Policy for Financial Aid

The Office of Student Financial Aid is required by federal and state regulations to monitor the academic progress of potential and current financial aid recipients. Applicants must comply with the Satisfactory Academic Progress Policy as a condition of initial or continuing eligibility. The policy described below is new, and became effective June 1, 1996.

Financial aid programs which are affected by the Satisfactory Academic Progress Policy include (but are not limited to) Federal Pell Grant, Federal SEOG, Federal Work-Study, Federal Perkins Loan, the Federal Family Education Loan Programs (Stafford, SLS, and PLUS), UMCP, Frederick Douglass, and UM SCHOLARSHIPS, Guaranteed Access, Educational Excellence, House of Delegates, and Senatorial Scholarships.

Satisfactory Academic Progress for undergraduates is measured in three areas. These areas consist of maintenance of an adequate grade point average, successful completion of a required number of credits per year, and receipt of a degree in a timely manner. Applicants must maintain compliance in all three areas in order to be eligible for financial aid programs. The specific policy requirements of each area are listed below.

1. *Minimum Grade Point Average*

Undergraduate students must maintain the required grade point average necessary to continue as degree candidates at the University of Maryland, College Park. Therefore, they must maintain an academic standing consistent with the University's retention policy as defined by the Registrar and outlined in the Undergraduate Catalog.

Students who are on "Academic Warning" due to their GPA may receive aid. Should a student fall to "Academic Dismissal" status, he or she will be considered ineligible for financial aid until readmitted through the Re-enrollment Office.

2. *Minimum Credit Requirement*

Undergraduate students with less than 30 hours attempted at UM

Non-transfer undergraduate students with less than 30 hours attempted at UM must have successfully completed at least 50% of all hours attempted at UM. Failure to meet this requirement will result in an immediate suspension of financial aid eligibility. A student completion rate above 50% but below 70% will receive a warning.

Any student whose aid eligibility is suspended for failure to meet satisfactory academic progress standards has the right to submit a written appeal if there are mitigating circumstances.

Undergraduate students with more than 30 hours attempted at UM

All undergraduate students with more than 30 hours attempted at UM must have successfully completed at least 70% of all hours attempted at UM. Failure to meet this requirement will result in a warning after the first occurrence and suspension of financial aid eligibility if the requirement is not met after two consecutive years.

Any student whose aid eligibility is suspended for failure to meet satisfactory academic progress standards has the right to submit a written appeal if there are mitigating circumstances.

What counts and what does not

Successful credits which do count toward the Minimum Credit Requirement are those courses graded with "A", "B", "C", "D", "S", or "P". Withdrawn ("W" grades), Incomplete ("I" grades), No Grade ("NG" grades), Fail ("F" grades), Unsatisfactory ("U" grades) and Audit courses do not count toward the Minimum Credit Requirement. Non-credit remedial courses do count toward the Minimum Credit Requirement, provided that the classes are required for the student's degree program. Repeat courses do not count if the classes are taken to improve passing grades, but do count if the classes are taken to replace failing grades.

Identification and handling of violators:

Probation: The OSFA will review the academic progress of all university students that apply for federal aid. Students who show a deficiency in the Minimum Credit Requirement will be notified that they are ineligible for financial aid or that they have been placed on Satisfactory Academic Progress Probation. This notification will be mailed to students before the next fall semester's open registration period.

If a student is placed on Probation, he or she **will** be allowed to receive financial aid for the next academic year. At the end of the probationary year, the student must meet the **Minimum Credit Requirement.** Students who fail to meet the Minimum Credit Requirement at the end of the probationary year will be placed on Satisfactory Academic Progress Suspension.

Suspension: A student whose eligibility has been suspended may not receive assistance until he or she **makes up the full credit deficit** with courses at UM at his or her own expense. When the student meets the Minimum Credit Requirement, financial aid eligibility will be reinstated.

Appeals:

If a student is placed on Probation, he or she does not need to appeal, because financial aid eligibility has not been revoked. Provided the student successfully makes up any credit deficiency, he or she will automatically be taken off Probation.

OSFA has an appeal process that should be followed if a student is placed on suspension of aid eligibility and there were extenuating circumstances that caused the violation of the Minimum Credit Requirement. Extenuating circumstances are defined as environmental conditions that are outside of the student's control. Any extenuating circumstance should be referenced with third-party documentation. Applications for a Satisfactory Academic Progress Appeal are available from the Financial Service Center or from Financial Aid Counselors.

3. *Maximum Time Frame*

Undergraduate students must earn their degree, regardless of their program of study, within their **first one hundred-eighty (180) attempted credit hours.** Students who have not earned a degree within their first 180 attempted credits, whether they received financial aid or not, must attempt any additional credits at their own expense.

Transfer Credits

Students who transfer to the University will have the transfer credits that fulfill their UM degree requirements count toward the Maximum Time Frame limit. Students who transfer a large number of credits to UM will have no more than sixty credits count toward the Maximum Time Frame.

Violators of the Maximum Time Frame cannot receive traditional financial aid until they successfully complete their current degree programs and become accepted into new programs.

Appeals

There is very little flexibility in the Maximum Time Frame. However, students who feel that their individual circumstances warrant review should make an appointment to speak with their Financial Aid Counselor for advice on how to appeal.

Questions

Students who have questions regarding this policy for Satisfactory Academic Progress for financial aid eligibility should contact their Financial Aid Counselor. 301-314-9000.

Contact Financial Aid

Online at http://www.inform.umd.edu/FIN/ to:

- Check your loan status
- Check your bill
- Check your financial aid status
- Complete your loan entrance interview
- Find a workstudy job
- Search for scholarships
- E-mail us (umfinaid@umdacc.umd.edu)

LEARNING OPPORTUNITIES 19

ACADEMIC INFORMATION TECHNOLOGY SERVICES

Non-Credit Training Courses (Fall 1998)

Academic Information Technology Services offers a series of training classes scheduled during evening and weekend hours. Classes in the use of workstations (e.g., the PC and Macintosh microcomputers) are designed to be a hands-on experience for those who wish to use a computer to do their class assignments and work.

The classes include: Introduction to Windows 95, Introductory and Intermediate Excel, Introductory and Intermediate Unix, Introduction to Macintosh, and Introductory Microsoft Word, PowerPoint and PageMaker. Additional classes on Internet Technologies (including e-mail, ftp, and listserv), Web surfing, web searching and evaluation, HTML, Photoshop and Mathematica are also offered. Instructors for the classes are computer experienced students. Call 301-405-2940 for scheduling information, or drop by aITs room 1400 to register for classes. There is a $10 fee for each class and many classes have prerequisites.

WAM Labs

Workstations at Maryland (WAM) labs are Academic Information Technology Services operated open workstation labs equipped with IBM PC, Macintosh, and SPARCstation workstations, operated as stand-alone systems or connected to remote computer systems. All of the labs have one or more Hewlett Packard 600 dpi laser printers to which students, with print authorization, can direct printed output. These labs are open to anyone in the College Park university community and most are open 24 hours daily, or as posted, during the regular university semester.

WAM lab locations and hardware and software availability are noted in the free handout, "Where to Go to Use a Computer" (available from the aITs Information Technology Library, aITs room 1400 , or electronically at http://www.inform.umd.edu/WhereToGo). Color Apple scanners and scanning software can be found in the EPSL, Hornbake, Parking Garage II, and Worcester WAM labs. Students with floppy disks will find 5.25" drives in the Centreville.

Students can also apply for free computer accounts (called WAM accounts) that will give them access to electronic mail and networked file storage. From any networked computer, telnet to wam.umd.edu and type register at the login id. A series of onscreen directions and prompts will lead students through the electronic registration process.

Centreville, room 0200	open 24 hours daily	PCs, Macintoshes, SPARCstations
aITs, rooms 3330, 3332, 4352	7am-2am daily	PCs, Macintoshes, SPARCstations
EPSL, Math room 2403	open Library hours	Macintoshes, SPARCstations
Hornbake, room 0300	open 24 hours daily	PCs, Macintoshes
Parking Garage II, room 0504	24 hours daily	PCs, Macintoshes, SPARCstations
Worcester, room 0111	24 hours daily	PCs, Macintoshes, SPARCstations

A. JAMES CLARK SCHOOL OF ENGINEERING

Engineering Co-op & Career Services 1137 Engineering Classroom Building, (301)405-3863, co-op@eng.umd.edu (e-mail), www.coop.engr.umd.edu (web site)

Whether it's to wire robots in a car plant, monitor a waste water management project, or reformulate cough syrup for a pharmaceutical company, our office assists students in finding cooperative education, internship, summer, and part-time engineering positions.

Cooperative Education, Internships, and Summer Employment:

Through the Cooperative Education (Co-op) Program, students alternate semesters of full-time work and full-time study for approximately 50 weeks of work. Students are eligible to participate after near completion of their sophomore engineering requirements. Through the summer and part-time internship programs, students work full-time during the summer or part-time during the school year. Both programs provide students the opportunity to gain professional level experience, integrate theory and practice, confirm career choices, and help finance their education.

Application Process: To apply, students attend an orientation session and complete a TERP Disk that includes their resume. Workshops on completing the disk and interviewing skills are offered weekly. All students also receive a comprehensive handbook and a monthly newsletter that highlights job search tips, student work experiences, and office announcements.

Job Listings and On-Campus Interviews: All open positions and all on-campus interview schedules are posted on our 24-hour, on-line job listing system, TERP Online. This system is accessible through our home page on the World Wide Web. In addition, students have the opportunity to meet employers by participating in our job and career fairs.

COLLEGE PARK SCHOLARS PROGRAM (CPS)

(http://www.inform.umd.edu/EdRes/Colleges/SCHOLAR/)

CPS was developed to acquaint first and second-year students with the rich texture of academic life at the university. The program encourages students who share common intellectual interests to study together in courses organized around common themes and to live together in selected resident halls. CPS provides a focus for study, advising, and a variety of educational and social activities. Upon the successful completion of the program, the university will recognize the student's participation with a citation and an official notification on the student's transcript. If you are interested in the program or want more information about a particular program, please contact the programs directly:

- **CPS Acting Executive Director, Dr. Katherine McAdams, 301-314-2777**
- **CPS Advocates for Children, Dr. Al Gardner, Director, 301-314-5909**
- **CPS American Cultures, Dr. Jo Paoletti & Robyn Muncy, Co-Directors, 301-314-1513**
- **CPS Art, Edward Walters, Director, 301-405-0522**
- **CPS Environmental Studies, Dr. Eileen McLellan, Director, 301-314-1519**
- **CPS International Studies, Dr. Lois Vietri, Director and Dr. Dorith Grant-Wisdom, Associate Director, 301-405-0529**
- **CPS Life Sciences, Dr. Lee Hellman, Director, 301-405-0528**
- **CPS Public Leadership, Nance Lucas, Director, 301-314-8657**
- **CPS Science, Discovery and the Universe, Dr. Lucy McFadden, Director, 301-314-9476**
- **CPS Science, Technology, & Society, Dr. Charles Striffler, Director, 301-405-0527**
- **CPS Business, Society and the Economy, Dr Martin Gannon, Director, 301-405-2234**

COMMUNITY SERVICE PROGRAMS

Community Service Programs serves as a clearinghouse of information about community service opportunities in the Washington metropolitan area. A computerized database provides up-to-date information about volunteer opportunities for individuals and groups. An extensive series of handouts, a monthly newsletter, and a computerized list-serv featuring volunteer opportunities are also available. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. with extended hours on Wednesday until 8:00 p.m. For more information call 301-314-CARE or visit the web site, http://www.inform.umd.edu/CSP.

CONSORTIUM OF UNIVERSITIES OF THE WASHINGTON METROPOLITAN AREA

The Consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, George Mason University, George Washington University, Georgetown University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland at College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "resident" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduate or undergraduate student may participate in this program according to the following stipulations.

a. Golden ID students are not eligible to enroll in courses through the Washington Area Consortium with waiver of fees.
b. Neither the faculty and staff tuition remission program (this includes assistantships, fellowships, etc.) nor the partial tuition waiver program for spouses and dependents of University of Maryland employees may be used for courses taken through the Washington Area Consortium.
c. Continuing Education courses cannot be taken through the Consortium program.

Students whose fees are remitted through these programs and who are interested in enrolling in courses at Consortium schools will be expected to pay for the course or courses at the appropriate College Park credit hour rate for the semester in which they enroll.

A. Procedure for University of Maryland, College Park Students

Eligible Graduate Students

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other Consortium schools.
4. Practica, internships, workshops and similar experiential learning courses cannot be taken at other Consortium schools.
5. Comparable courses offered at University of Maryland, College Park may not be taken through the Consortium.

Eligible Undergraduate Students

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable University of Maryland, College Park department if the course is outside the major department.
   c. The student's dean.
4. Practica, internships, workshops and similar experiential learning courses cannot be taken at other Consortium schools.
5. Comparable courses offered at University of Maryland, College Park may not be taken through the Consortium. The intention is to allow students to take an occasional course to augment a program rather than to develop an individual program.

Registration for University of Maryland, College Park Students

1. Contact the Consortium Coordinator at the institution to be visited. This will determine if the course is open to Consortium students and if there are any special conditions, e.g., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the Consortium Coordinator in the University of Maryland, College Park Registration Office, Room 1101 Mitchell Bldg. 301-314-8239 to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the University of Maryland, College Park Consortium Coordinator. Permission will not be granted if a comparable course is offered at University of Maryland, College Park.
4. Pass/Fail or audit grading options are not permitted for Consortium courses.
5. A Consortium Registration Form will be filled out with the Consortium coordinator.
   Consortium institutions.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.

8. If the course is cancelled or if you change or drop the course, immediately contact the Consortium coordinator at the University of Maryland.
9. University of Maryland course change deadline apply for students visiting other Consortium institutions.
10. Grades earned by College Park students at other Consortium institutions in courses taken through the Consortium arrangement will be converted into the College Park grading system. These grades are used in the calculation of the cumulative grade point average.
11. Courses taken for credit through the Consortium in the student's final thirty hours must have prior approval from the student's college dean.

NOTE - ***1) Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.***
2) Only a maximum of 16 credits of ROTC course work may be applied toward a College Park degree.

B. Procedure for Visiting Students

Students from other Consortium schools may register for University of Maryland, College Park courses on a space available basis beginning with the first day of classes, August 31, 1998 for the Fall semester. Visiting Consortium students are not eligible to register for Instructional Television, Continuing Education, or professional education courses.

Students will be expected to meet all course prerequisites of University of Maryland, College Park. Also, prior approval will be required for courses restricted to special University of Maryland, College Park majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see "How to Read Course Listings." Visiting students must register at both their home campus and at University of Maryland, College Park.

1. Contact the University of Maryland, College Park Consortium coordinator at 301-314-8239, room 1101 Mitchell Bldg.
2. Fill out a Schedule Request form with requested courses. A visiting student cannot audit any University of Maryland, College Park courses.
3. Present the third copy of the Consortium Registration Form completed by your home campus to the University of Maryland, College Park coordinator.
4. The coordinator will officially register you for the University of Maryland, College Park courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
5. If the course is cancelled, or if you change or drop the course, immediately contact the Consortium coordinator at the visiting campus and your home campus.

Dates Classes Begin for Consortium Schools

American University	August 31
Catholic University	August 31
Gallaudet University	August 31
George Mason University	August 31
George Washington University	August 24
Georgetown University	September 2
Howard University	August 24
Marymount University	September 1
Mount Vernon College	August 24
Trinity College	September 1
University of the District of Columbia	August 24
University of Maryland, College Park	August 31

GOLDEN IDENTIFICATION CARD PROGRAM

The University of Maryland participates in the Golden Identification Card Program. This program allows eligible senior citizens to take advantage of the wide variety of course offerings. To be eligible for participation the individual must be 60 years of age or older, a legal resident of the State of Maryland and retired (not engaged in gainful employment for more than 20 hours a week). Application is made through the Office of either Undergraduate or Graduate Admissions. The appropriate application fee will be assessed; tuition is waived. A fee of *$134.50 is charged each semester. This fee is the same fee that is charged to all part-time undergraduate students less the health, student activities, and athletic fees. Golden ID students register on a space available basis for a maximum of three courses during the first week of classes. Golden ID students must meet all course prerequisite and co-requisite requirements. The Golden Identification Card, with a current semester registration card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non-academic services. Such services will be available during any session only to persons who have registered for one or more courses for that session. Golden ID students are not eligible for Consortium courses or Continuing Education.

Golden ID students also have the opportunity to become involved with the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising. Additional information may be obtained from the Office of Undergraduate Admissions, Mitchell Building, 301-314-8385, or the Golden ID Student Program, 1st Floor Mitchell Bldg. 301-314-8219. *Fee at time of publication

INTER-INSTITUTIONAL REGISTRATION PROCEDURES

Undergraduate students have the opportunity to take courses at other University of Maryland System Institutions (host institution) to augment their degree program at University of Maryland, College Park (home institution) under the Concurrent Inter-Institutional Registration program. Students may take courses at the system schools listed below provided they meet requirements of the program.

System Institutions Include:

Bowie State University	University of Baltimore
Coppin State College	University of Maryland at Baltimore
Frostburg State University	University of Maryland Baltimore County
Salisbury State University	University of Maryland, College Park
Towson State University	University of Maryland Eastern Shore

NOTE: Inter-Institutional Concurrent Registration is not available at University College for University of Maryland, College Park Students.

Program Requirements:

To participate in the program University of Maryland, College Park students must:

a. have sophomore standing

b. be in good academic standing

c. be enrolled full-time in a degree program at University of Maryland, College Park for the semester in which the course(s) are taken. Full-time status is defined as a combination of credits registered for at College Park, and the registered credits at the host institution.

d. have approval from their dean for the course to count as resident credit

e. comply with the host institution's registration procedures and deadlines

Enrollment in courses is on a space available basis and visiting students are expected to meet prerequisites or other criteria set by the host institution. Tuition and fees are paid at the home institution, however, fees at the host institution associated with special courses may be assessed. Continuing Education courses cannot be taken.

Registration Procedures:

1. Obtain an Inter-Institutional Registration form from the Special Programs Coordinator in Room 1101 Mitchell Building.
2. Complete form and have course approved by your college dean.
3. Return form to Special Programs Coordinator for verification and approval. Retain a copy of the approval form for registration at the host institution. (The Special Programs Coordinator can provide information about registration dates and times at other University of Maryland System institutions.)
4. Contact the program coordinator/registrar at the host institution to inquire about and arrange for registration. Registration will be according to the host's institutional policies and deadlines. Special permits, parking or other fees at the host institution are the responsibility of the student.
5. Upon completion of the course, the host institution will forward an official transcript to the home institution reflecting the grade(s) earned in the course(s) taken there. Records and Registrations will post the grade(s) to the student's record and note that the course(s) were taken as part of the Inter-Institutional program, and where. Course grades will be calculated in the student's g.p.a. and academic totals at University of Maryland, College Park.

Complete procedures can be found on the University of Maryland System, Application for Inter-Institutional Enrollment form available from Jeff Bowling, Special Programs Coordinator, Room 1101, Mitchell Building, 301-314-8239.

MARYLAND ENGLISH INSTITUTE (MEI)

Would you like to improve your English language skills?

Register for an MEI class!

The Maryland English Institute (MEI) offers English as a second language courses for beginning through advanced students.

What courses does MEI offer?

* Writing, grammar, reading, listening, pronunciation, and oral communication skills courses
* Full or part-time enrollment options

Who is eligible for MEI courses?

* International students and scholars and their families

Want to know more?

* Call the Maryland English Institute at 301-405-8634. Or, drop by the MEI office in Taliaferro 2140.

Visit us on the WEB at http://www.inform.umd.edu/ARHU/Depts/MEI

ROTC

ROTC courses are available to University of Maryland Students through several programs:

University of Maryland, College Park Classes

● Air Force ROTC

Contact Col. Newton at 301-314-3245 for program information.

D.C. Consortium Program

●Navy ROTC at George Washington University

●Army ROTC at Georgetown University

Registration is through the D.C. consortium Program. Contact University of Maryland Consortium Coordinator at 301-314-8239. (Note- a maximum of 16 credits of ROTC courses may be applied toward a College Park degree)

Concurrent Inter-Institutional Registration

● Army ROTC at Bowie State University Campus

● Army ROTC through Bowie State (these classes are offeredon the College Park campus, but taught by Bowie State instructors). Contact Major Baker, 301-464-6692 at Bowie State for program information.

Registration is through the Inter-institutional program that includes University of Maryland System Schools. Contact the Special Programs Coordinator at 301-314-8239.

STUDY ABROAD

Advising is available on study, travel, and work abroad opportunities. Listed below are study programs sponsored by the University of Maryland. If you do not see a program that interests you, advisors can refer you to numerous other programs sponsored by U.S. and foreign institutions. Early planning is strongly encouraged.

Study in London: The curriculum consists of courses in the humanities, business, social sciences and sciences. Students live in dorms, in flats with other program participants or with a British family. Fall and Spring semesters.

Study in Nice, France: Offers French language courses for foreigners and regular courses at the University of Nice for students with sufficient French language background. Students may live in a university dorm, in an apartment with other program participants, or with a French family. Year or spring semester.

LEARNING OPPORTUNITIES 21

Study in Mexico City: Spanish language and Latin American studies courses. Students live with a Mexican family or in apartments. Fall and spring semesters.
Study in Alcala, Spain: Offers Spanish language and culture studies at the University of Alcala de Henares. Students may also enroll in an internship or in a course in Spanish literature, business or civilization. Students may live in university residence halls with Spanish students or with a Spanish family. Spring Semester.
Study in Tel Aviv, Israel: Offers a semester of study in Israel. Students attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East studies. Fall and Spring semesters.
Study in Rome, Italy: Students take courses in English at the American University of Rome. AUR offers instruction in the liberal arts, business, Italian language and culture, and international relations. Students live in shared apartments. Fall and spring semesters.
Study in Brazil: Offers a summer and fall semester at the Catholic University of Rio de Janeiro to take regular university courses offered in Portuguese.
Denmark's International Study Program: Maryland acts as a coordinator for DIS in Copenhagen, which offers courses in English focusing on humanities and social sciences, engineering, international business, marine biology and environmental studies. Students are housed with families or in dorms. Fall and spring semesters.
German and Engineering: As part of a dual degree program, students spend six months in Germany studying the language and completing an internship with an engineering company. A two month intensive technical German language study is followed by a four month paid internship in Germany. Spring semester.
Winterterm programs: For 1999 the following programs will be offered: Students can study sustainable tropical agro-ecosystems in Costa Rica; issues of nationalism, socialism and democracy in Cuba; European politics in Denmark; Business and the European Union in Germany; print and broadcast media in London; social change and mobilization in Mexico; and political, cultural and economic life in Vietnam.
German and Engineering: As part of a dual degree program, students spend six months in Germany studying the language and completing an internship with an engineering company. A two month intensive technical German language study is followed by a four month paid internship in Germany. Spring semester.
Summer programs: For 1999 the following will be offered: Study architecture in Europe. Improve your language skills by studying German language and culture in Kassel, Germany, Spanish language in Taxco, Mexico, and advanced Spanish language in Spain. Honors students may take a survey course of British history, culture and literature in England.
Maryland Exchange: The Study Abroad Office administers reciprocal exchanges with specific universities overseas. These exchanges are often related to academic departments and require extensive language or academic background. All the exchanges require at least a 3.0 grade point average and many offer tuition waivers. Exchanges are available in Austria, England, Germany, Japan, Korea, Spain, and Sweden.
FOR INFORMATION CONTACT: Study Abroad Office, 3125 Mitchell Building, 301-314-7746. E-mail: studyabr@deans.umd.edu.
URL: http://www.inform.umd.edu/INTL/studyabroad

UNDERGRADUATE RESEARCH ASSISTANCE PROGRAM

Interested in Research, but don't have a lot of time?? Try URAP.

The Undergraduate Research Assistance Program provides opportunities for students to work closely with faculty from across the University on their research projects. URAP students provide 4-5 hours/week of time.

What do you get?

- An introduction to research in an area of interest to you
- Close contact with a faculty member
- A notation on your transcript that includes the title of your project

Where can you get more information?

- Check out our website at http://www.inform.umd.edu:8080/EdRes/UgradInfo/UgradStudies/URAP
- Drop by 2130 Mitchell Building to pick up a brochure containing hundreds of projects with faculty interested in working with you
- Come to the URAP Forum on September 10 and 11 at noon in the Maryland Room of Marie Mount Hall

Juniors - Start thinking about NEXT summer now! Senior Summer Scholars provides a stipend for full time research projects in Summer 1998. Come to the Summer Scholars Forum in early October to find out what the Seniors have accomplished during their summer break. Day and time will be announced in the Fall. Look for signs!

URAP-aITS AWARD

A competetive award sponsored by Academic Information Technology Services and the Office for Undergraduate Studies for URAP students using computers and information technology in their projects.

For URAP students doing projects that make innovative or creative use of computers and information technology. Up to two $500 awards will be given each semester. Applications are available in room 2130 Mitchell Building.

WORLD COURSE FOR FALL 1998

The Undergraduate Program at University of Maryland, College Park has embarked on a novel educational initiative to offer unique interdisciplinary courses to first and second year students. These courses, called the World Courses, are broad in concept, cross-disciplinary, contemporary, and exciting. They are focused on big issues of the world in which we live, and will be team-taught by outstanding teachers. The World Courses are approved for CORE Distributive Studies credit in the appropriate categories, and are designed to meet twice a week as a large lecture (with approximately 150-200 students) and once a week in 25-student discussion sessions. During Fall 1997 the following World Courses will be offered:

UNIV 118A-THE CREATIVE DRIVE: CREATIVITY IN MUSIC, ARCHITECTURE, AND SCIENCE 3 credits; no prerequisites.

Core History or Theory of the Arts (HA)

Lectures will take place Mondays and Wednesdays 10:00-10:50. 75-minute discussion sections will occur on Thursdays or Fridays, depending on the section selected (see listing under UNIV 118A).

There is creativity in virtually every aspect of life: from literature to art, from music to dance, from communication to science, from engineering to business. Thus it is natural to ask what is creativity, what is the process of creativity in different areas, and what are its common threads. In this offering of The Creative Drive we will focus especially on the great creative personalities and works in jazz and popular music, modern architecture, and scientific chaos. This course will be led by professors of Music, Architecture, and Mathematics.

BIOSPHERE 2 "SEMESTER ABROAD" INTERNSHIP

Bioshpere 2 is a research and learning center that allows students to explore how the environment affects their lives and how they affect the environment. Sponsored by Columbia University, Biosphere 2 is located in the high-desert country of Tuscon, Arizona and is the world's largest glass enclosed ecological laboratory. One of the primary goals of Biosphere 2 is to focus on issues related to Earth systems planning and management.

The Earth Semester

The Earth Semester program is thematically organized around the issues of climate change, biodiversity and water management in order to present the basic sciences (biology, chemistry, physics, and geology) economics, and policy of Earth Systems within an integrated, problem-oriented framework. These issues provide the thematic "glue" that binds together all of the program's activities, including team-taught lectures, project-based modules and labs, field trips, and independent student research. Students are challenged to integrate their knowledge from the various disciplines by engaging in discussions, in writing papers, designing computer modules, etc.

Credits: A total of 16 Columbia University credits will be awarded for the Biosphere 2 semester. These credits will be transferable to the University of Maryland and several will count toward CORE requirements.

College Park Scholars Program Students: The CPS program limits participation to juniors and seniors. Contact Dr. Katherine McAdams, Acting Executive Director, 301-405-0531 for more details.

Honors Program Students: Contact Mr. Dean Herbert, Advising Coordinator, 301-405-6775, for information.

Requirements: University of Maryland students must have at least a 3.0 GPA and sophomore standing prior to registering for Biosphere 2. Additionally, students must have completed at least one lab science and one college-level math course prior to attending.

Program costs:
Tuition - $4,500 paid by student + $3,000 UM subsidy = $7,500
Room and Board - $2,500 paid by student
Books, supplies and fees are estimated at $400

Travel: the cost of travel to and from Biosphere 2 is the student's responsibility.

Application: Students should meet with their major advisor before applying. Applications for Fall 1998 were due in March, but if you are interested in the program for a future semester please contact:

Dr. Bruce James
0207 Symons Hall
301-405-8571
bj5@umail.umd.edu

22 FIRST YEAR FOCUS

COURSE CLUSTERS

The experience of becoming a student at a busy university is always exhilarating-and sometimes a bit daunting. One of the best ways to thrive as an undergraduate-whether at a small liberal-arts college or a large university like Maryland-is to find groups of people who both share your interests and challenge the ways you think. First Year Focus is a group of innovative programs and related academic activities designed to help students to connect to a large and diverse university campus by allowing them to quickly find a small number of other first year students who have similar interests. The program design elements have been based on the results of national and campus studies about ways to help students enjoy and successfully complete their university education. The program includes learning communities, course clusters or a group of courses, courses linked to study groups as well as other related academic activities. The different types of communities offer different topics and varying levels of involvement. Some programs are open to specific majors only while others are available without regard to major.

First Year Clusters are open to first-year students with the exception that Honors and College Park Scholars students may not register for courses listed under First Year Focus Clusters except those designed for Specific Majors. Some of these clusters may also be reserved for students in particular colleges.

TERRAPIN READING SOCIETY

The Terrapin Reading Society, formerly known as First Year Book, is a program designed to involve the first year students and the larger campus community in discussion about a central set of ideas. A campus wide committee selects a book and the program sponsors a number of related activities throughout the year. Some of the First Year Focus Course Clusters are also dedicated to the same theme.

An integral part of First Year Focus is the Terrapin Reading Society. This year, for the first time, the Society will focus on two books: Mary Shelley's *Frankenstein*, or the Modern Prometheus (1818) and John McPhee's *The Control of Nature* (1989). In the era of Dolly the Sheep and El Ñino, these books should prompt a lively campus debate on humans' continuing efforts to affect and even control their environment.

"I have described myself as always having been imbued with a fervent longing to penetrate the secrets of nature," Victor Frankenstein tells Robert Walton. John McPhee writes of similar longings that impel humans to extend their reach. His book recounts the efforts to keep the Mississippi River from diverting into the Atchafalaya River basin; of Icelanders saving their harbor from a volcanic eruption by literally cooling the lava into rock; and of Californians' insistence on daring debris slides in the San Gabriel mountains to move them from their earthly "paradise." The message of both books is that although nature fights back, often with its own messages to desist, something in humans keeps us battling, especially when we think we can do nature one better.

Entering first year students receive the books free and other campus members may purchase the books at a discounted price at the Stamp Student Union Bookstore.

FIRST YEAR FOCUS COURSE CLUSTERS

Course clusters offer new students a kind of academic map. Each course in a cluster is enhanced by being taken in conjunction with the other courses in the cluster. Clusters are especially beneficial for first-year students. Most courses included in the clusters are at the 100- or 200- level, have no prerequisites, and fulfill a CORE (general education) requirement. For more information on CORE check this Schedule of Classes. Only 20-25 seats are available in each cluster, and space is allocated on a first-come, first-served basis.

Most clusters contains a "home" course which integrates what is learned in the other classes. Other courses in a cluster are regularly offered sections in which seats have been set aside for cluster participants so that they can become accustomed to university study in familiar company.

To register for a cluster, simply register for the cluster number. That single registration puts you in all the courses in the cluster. There is no need to register for the courses individually.

Formal Study Groups

Formal study groups are linked to courses which are commonly taken by first year students. They provide an opportunity for members to engage in ongoing conversations about course material allowing deeper understanding of the subject matter. Each study group meets weekly with a student mentor. Mentors have been specially selected and trained and have recently successfully completed the course they guide. In addition, study groups will be linked electronically through E-mail listeners so that you may easily contact members of your group with questions at any time of the day or night. You may sign up for a formal study group at the start of the semester.

Post-Orientation Courses

EDCP 108-O The Student in the University. This one credit course is designed to familiarize students with the many exciting services and resources available at the university. Students will also learn more about themselves as learners and find how to make the university work for them. The course is taught in a seminar style with twenty students per class. Some colleges offer specialized sections for their majors. Check with your advisor for the section which best fits your needs.
UNIV 101 is a two credit version which combines EDCP 108-O with a computer literacy component. In addition to learning about the valuable resources and services taught in EDCP 108-O, students will examine the vast array of computer resources available at the university and the worldwide community.

Related Activities

Throughout the year, you may also participate in a variety of other First Year Focus activities on the campus and in the Washington-Baltimore metropolitan area. A few months from now, you may be deep into discussion with the other members of the Terrapin Reading Society about the first year book or up to your hips in water while exploring the ecology of the Potomac river. You may be taking in a classic film series, going out for pizza with the author of your textbook or working with a professor and other students to test your new scholarly skills on the real world problems of a local nonprofit community group. You will receive additional information about these activities throughout the semester.

CLUSTER 1

Body and Mind I

CLUS 001 **section 0101** **index 09354**

Since the beginning of time, human beings have wavered between viewing the mind and body as separate and apart, and viewing them as interactive and whole. Whether of one piece or many, whether collaborative or contentious, the working of mind and body are inextricably linked and cannot be studied independently of one another. *Body and Mind* provides the tools to consider one of the oldest dichotomies and encourages students to think about the psychological and biological bases of human existence. (Math 110 Placement Required)

Principles of Biology I introduces students to key biological principles that characterize living organisms and to evidence that supports these principles. Students are required to answer introductory questions each week before their lab and to submit final reports. This course is for science majors.

BIOL 105+	section 5332	MWF 2-2:50 (Lec)	4 credits
CORE: LL		W 8-10:50 (Lab)	

Introduction to Psychology familiarizes students with the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC 100+	section 0127	TuTh 9-9:50 (Lec)	3 credits
CORE: SB		M 10-10:50 (Dis)	

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+	section 1313	TuTh 12:30-1:45	3 credits
CORE: FS			

CLUSTER 2

Body and Mind II

CLUS 002 **section 0101** **index 09355**

Since the beginning of time, human beings have wavered between viewing the mind and body as separate and apart, and viewing them as interactive and whole. Whether

FIRST YEAR FOCUS 23

COURSE CLUSTERS

of one piece or many, whether collaborative or contentious, the working of mind and body are inextricably linked and cannot be studied independently of one another. *Body and Mind* provides the tools to consider one of the oldest dichotomies and encourages students to think about the psychological and biological bases of human existence. (Math 110 Placement Required)

Principles of Biology I introduces students to key biological principles that characterize living organisms and to evidence that supports these principles. Students are required to answer introductory questions each week before their lab and to submit final reports. This course is for science majors.

BIOL 105+	section 5116	MWF 10-10:50 (Lec)	4 credits
CORE: LL		M 2-4:50 (Lab)	

Introduction to Psychology

PSYC 100+	section 0234	TuTh 2-2:50 (Lec)	3 credits
CORE: SB		W 1-1:50(Dis)	

Introduction to Writing

ENGL 101+	section 1314	TuTh 12:30-1:45	3 credits
CORE: FS			

CLUSTER 3

Public Orders and Private Values: Politics and Ethics

CLUS 003 **section 0101** **index 09356**

A president impeached. Another president subpoenaed. Governors, legislators, and judges jailed. Countless others slink from public view in a hail of denunciations. What constitutes appropriate behavior for public officials? How does the public hold them to that standard? How does the public create that standard and what is the relationship between the private behavior of individual citizens and the standard of public life? How are rights and responsibilities of citizens in a democratic society balanced with the needs of the nation as whole? *Public Orders and Private Lives: Politics and Ethics* examines these questions by confronting and debating some of the most difficult and pressing social and moral issues of our day.

American Government offers a comprehensive understanding of the American political system. It focuses both on structure and process and explores the social, cultural, economic, and historic contexts within which the political system operates.

GVPT 170+	section 0205	MW 10-10:50 (Lec)	3 credits
CORE: SB		F 11-11:50 (Dis)	

Contemporary Moral Issues focuses on moral issues that have social and/or political policy dimensions. Examples of issues include: abortion, euthanasia, hunger, the death penalty, equality, and discrimination.

PHIL 140+	section 0102	MW 1-1:50 (Lec)	3 credits
CORE: HO		F 1-1:50 (Dis)	

Speech Communication: Principles and Practices explores valuable techniques of listening, group discussion, and interviewing, as well as public briefings and persuasive speaking.

SPCH 107+	section 3801	TuTh 9:30-10:45	3 credits

CLUSTER 4

Play of Life I: Exploring the World Within

CLUS 004 **section 0101** **index 09357**

One of the great challenges of societies has been for men and women to understand and describe themselves and their relationship to the world around them. *Play of Life: Exploring the World Within* examines the inner life through aesthetic imagery and psychological theory.

Introduction to Theatre focuses on what makes theater a unique form of art. Students explore aesthetic issues, matters of craft, and the history of theatrical practice. The course includes lectures, discussions, exercises, papers, and exams. Extra credit work in theatrical production allows students to apply directly what they learn in this course.

THET 110+	section 0109	MW 9-9:50 (Lec)	3 credits
CORE: HA		W 10-10:50 (Dis)	

Introduction to Psychology

PSYC 100+	section 0341	TuTh 3-3:50 (Lec)	3 credits
CORE: SB		M 10-10:50 (Dis)	

Introduction to Writing

ENGL 101+	section 1316	TuTh 12:30-1:45	3 credits
CORE: FS			

CLUSTER 5

Play of Life II: Exploring the World Within

CLUS 005 **section 0101** **index 09358**

One of the great challenges of societies has been for men and women to understand and describe themselves and their relationship to the world around them. *Play of Life: Exploring the World Within* examines the inner life through aesthetic imagery and psychological theory.

Introduction to Theatre focuses on what makes theater a unique form of art. Students explore aesthetic issues, matters of craft, and the history of theatrical practice. The course includes lectures, discussions, exercises, papers, and exams. Extra credit work in theatrical production allows students to apply directly what they learn in this course.

THET 110+	section 0110	MW 9-9:50 (Lec)	3 credits
CORE: HA		W 11-11:50 (Dis)	

Introduction to Psychology

PSYC 100+	section 0128	TuTh 9-9:50 (Lec)	3 credits
CORE: SB		M 11-11:50 (Dis)	

Introduction to Writing

ENGL 101+	section 1214	TuTh 11-12:15	3 credits
CORE: FS			

CLUSTER 6

Justice for All?

CLUS 006 **section 0101** **index 09359**

The jury returns its verdict in the Rodney King case and Los Angeles goes up in smoke. The country tunes in and takes sides in O.J. Simpson's double murder trial. Meeting the promise of the Pledge of Allegiance-"liberty and justice for all"- has never been more important or more difficult. *Justice for All?* examines the role of the civil rights movement and criminal justice system in the United States and their effectiveness at meeting the needs of all Americans. Courses in Justice for All? provide both historical and theoretical understanding of race, crime, and punishment in contemporary America.

Introduction to Criminal Justice provides an introduction to the administration of criminal justice in a democratic society with emphasis on the theoretical and historical development of law enforcement. The principles of organization and administration for law enforcement, planning and research, public relations, personnel and training, inspection and control, direction and policy formulation will all be studied.

CCJS 100+	section 0102	TuTh 4-4:50 (Lec)	3 credits
CORE: SB		M11-11:50 (Dis)	

American Government offers a comprehensive understanding of the American political system. It focuses both on structure and process and explores the social, cultural, economic, and historical contexts within which the political system operates.

GVPT 170+	section 0106	TuTh 11-11:50 (Lec)	3 credits
CORE: SB		F 11-11:50 (Dis)	

Introduction to Writing

ENGL 101+	section 1315	TuTh 12:30-1:45	3 credits
CORE: FS			

CLUSTER 7

Gender and Culture

CLUS 007 **section 0101** **index 09360**

Gender is a biological fact. Or is it? What roles do cultural teachings play in our gender identities and behaviors? For instance, does gender play a consistent role in the art of different cultures? Specifically, what role does gender play in the creation and perception of popular music around the world? Explore the interplay between biology and culture in this cluster which takes a novel approach in examining new ideas in the nature versus nurture debate.

Introduction to Writing

ENGL 101+	section 1110	TuTh 9:30-10:45	3 credits
CORE: FS			

Women and Society is an interdisciplinary study of the status, roles and experiences of women in society.

WMST200+	section 0101	TuTh 11-11:50 (Lec)	3 credits
CORE: SB/D		TBA (Dis)	

24 FIRST YEAR FOCUS

COURSE CLUSTERS

World Pop Music and Gender this course focuses on the phenomena of world music as well as popular music in different cultures with an emphasis on cross-cultural comparison in such areas as politics, rebellion, music industry, etc. It analyzes these music through the lens of gender study where appropriate; as it is often the gender dynamics, which are acted out during performance, that give insight of major issues within a peoples' culture. Different music genres such as rap, heavy metal, women's music , reggae, etc. as well as types of African popular music and the phenomena of world beat are explored.

MUSC248C CORE: HA/D	section 0109	W 1-2:40 (Lec) M2-2:50 (Dis)	3 credits

CLUSTER 8

Common Ground

CLUS 008 **section 0101** **index 09361**

The ground on which we stand is one of the planet's most important resources. As the source of food and shelter, it is literally the foundation of life and even small changes in the composition and formation of the earth bring profound changes for us. Yet, the ground is often overlooked in discussions of the environment. This cluster examines the interaction between the geological characteristics and the US society as we has moved from agrarianism through industrialism as well as the geologic factors underlying many environmental problems.

Introduction to Writing

ENGL 101+ CORE: FS	section 1408	TuTh 2-3:15	3 credits

Environmental Geology a review of geologic factors underlying many environmental problems and the interactions between population and physical environment: geologic hazards, land-use planning, conservation, mineral resources, waste disposal, land reclamation and the geologic aspects of health and disease.

GEOL 120+ CORE: PS	section 0103	TuTh 9:30-10:45	3 credits

History of the United States after 1865 is a study of the United States from the end of the Civil War to the present. Topics studied include economic, social, intellectual, and political developments, the rise of industry, and the emergence of the United States as a world power.

HIST 157+ CORE: SH	section 0411	MW 1-1:50 (Lec) Th 1-1:50 (Dis)	3 credits

CLUSTER 9

The Moral Machine

CLUS 009 **section 0101** **index 09362**

Does the technology we have made reflect who we are? How, in turn, have changes in technology changed us and how we behave? Are we the moral machines? Are we as moral as our agrarian ancestors? Can we be fully moral in an industrial environment which emphasizes rationality over emotion? Should technological advances be governed (or limited) by ethical considerations? This clusters examines the changes in human interaction influenced by technical developments, in both historical and contemporary contexts.

Introduction to Writing

ENGL 101+ CORE: FS	section 0207	MWF 10-10:50	3 credits

Science and Technology in Western Civilization: the United States from the end of the Civil War to present. Economic social, intellectual, and political development.

HIST175+ CORE: SH	section 0101	TuTh 12-12:50(Lec) M 11:11:50 (Dis)	3 credits

Introduction to Contemporary Social Problems is an examination of contemporary social problems social problems through sociological perspectives; ways in which social problems are part of the organization of society; a detailed study of selected social problems including social conflict and social inequality.

SOCY 105+ CORE: SB	section 0103	TuTh 2-3:15 (Lec) F 11-11:50 (Dis)	3 credits

CLUSTER 10

The Built Environment

CLUS 010 **section 0101** **index 09363**

How do we live in the world we have built? What are the prevailing values, functions and characteristics of the buildings that we have planned and manufactured and the cities in which we have gathered ourselves? How do we behave as a partial result of our built world? This cluster examines the nature of the built world and the relationship to human ideas, behavior and organization.

Introduction to Writing

ENGL 101+ CORE: FS	section 0208	MWF 10-10:50	3 credits

Introduction to the Built Environment is an introduction to conceptual, perceptual, behavioral and technical aspects of environmental design; methods of analysis, problem solving and project implementation.

ARCH170+ CORE: HA	section 0202	MW 11-11:50 (Lec) F 11-11:50 (Dis)	3 credits

Challenge of the Cities explores contemporary urban patterns, trends and problems of major urban issues, such as population change, the economy, land use, neighborhood development, fiscal and unemployment crises, and social, environmental, and political controversies of metropolitan areas.

URSP100+ CORE: SB	section 0101	TuTh 12:30-1:45	3 credits

CLUSTER 11

The Heavens in Mythology and Science

CLUS 011 **section 0101** **index 09364**

Humans seem to have always looked to the skies and tried to make sense of what they saw. The explanations of ancient myth and those of modern science are similar and different in fascinating ways and may tell us as much about the societies themselves as they do about the physical phenomena on which the stories and theories are based. The cluster examines the relationships between myth and science and the ways in which we situate ourselves in the universe.

Introduction to Writing

ENGL 101+ CORE: FS	section 1203	TuTh 11-12:15	3 credits

Introduction to Astronomy is an elementary course in descriptive astronomy, especially appropriate for non-science students.

ASTR100+ CORE: PS	section 0101	TuTh 9:30-10:45 (Lec) M 9-9:50 (Dis)	3 credits

Greek and Roman Myth is taught in English, no prerequisite: cannot be taken for language credit. This course is particularly recommended for students planning to major in foreign languages, English, history, the fine arts, or journalism.

CLAS170+ CORE: HL	section 0204	MW 11-11:50 (Lec) F 9-9:50 (Dis)	3 credits

CLUSTER 12

Rhetorical Questions

CLUS 012 **section 0101** **index 09365**

Great speakers and speeches express the great ideas of their time. Is that all they do or do they propel those ideas to create social movement? Have they been only so much talk or have they stirred listeners to action? This cluster examines the effect of great speeches upon the population of their time.

American Government a comprehensive study of national government in the United States-nation, state and local.

GVPT 170+ CORE:SB	section 0207	MW 10-10:50 (Lec) F 10-10:50 (Dis)	3 credits

Speech Communication: Principles and Practices explores valuable techniques for listening, group discussion, interviewing, public briefings, and persuasive speaking.

SPCH 107+	section 3701	MWF 9-9:50	3 credits

CLUSTER 13

Film & New Technologies

CLUS 013 **section 0101** **index 09366**

If you think film has not changed much since the introduction of sound and color, look again. Film makers are using computers and other new technologies to revolutionize the medium. What does the result look like? How is film changed? This cluster examines computer technology and its impact upon film and film making.

Film Form and Culture is an introduction to film forms in international perspective. Emphasis on the techniques of film analysis, distinctions among film genres, and the history of cinema.

CMLT214+ CORE:HA	section 0104	MW 1-3 (Lec) F 2-2:50 (Dis)	3 credits

FIRST YEAR FOCUS 25

Introduction to Information Technology: Computer terminology and concepts. Introduction to database management systems, spreadsheets and word processors.

CMSC102+ section 0301 TuTh 3:30-4:45 3 credits

CLUSTER 14

Sound, Culture and Music

CLUS 014 **section 0101** **index 09367**

All cultures have music and the physical properties of sound are the same. Yet, the music of each culture expresses its own messages according to the preferences of the culture. This cluster examines the physical foundation of sound and how different cultures manipulate sound to communicate specific meaning and form.

Music and the World is a survey of six musical cultures of the world: Latin America, India, Japan, Indonesia, west Africa, and Eastern Europe. The discussion of each of the cultural areas will cover: the historical and cultural background; selected musical genre, their function, musical form, and instruments.

MUSC248A section 0106 TuTh 1-1:50 (Lec) 3 credits
CORE:HA/D F 1-1:50 (Dis)

Physics Of Music A study of the physical basis of sound, acoustical properties of sound, the human ear and voice, reproduction of sound, electronic music, acoustical properties of auditoriums and other selected topics.

PHYS102+ section 0101 TuTh 9:30-10:45 (Lec) 3 credits
CORE: PL

Physics of Music Lab: Optional laboratory to accompany PHYS 102. Laboratory experiments, including the velocity of sound, sound quality and wave shape, traveling and standing waves, fourier synthesis and analysis, musical synthesizer, psychoacoustics, and audio equipment.

PHYS103+ section 0401 F 10-11:50 (Lab) 1 credit

CLUSTER 15

Morality in the Contemporary World

CLUS015 **section 0101** **index 09368**

Social shifts and technical advances have raised questions never before considered or even imagined. Are changes in long held moral codes necessary now? How can moral change be addressed or achieved in the public arena? This cluster examines the challenges that technology brings to morality as well as the challenges that morality brings to technical advances.

Speech Communication: Principles and Practices explores valuable techniques for listening, group discussion, interviewing, public briefings, and persuasive speaking.

SPCH 107+ section1001 MWF 11-11:50 3 credits

Contemporary Moral Issues focuses on moral issues that have social and/or political policy dimensions. Examples of issues include: abortion, euthanasia, hunger, the death penalty, equality, and discrimination.

PHIL 140+ section 0104 MW 1-1:50 (Lec) 3 credits
CORE: HO F 10-10:50 (Dis)

Introduction to Contemporary Social Problems is an examination of contemporary social problems through sociological perspectives; ways in which social problems are part of the organization of society; a detailed study of selected social problems including social conflict and social inequality.

SOCY105+ section 0109 TuTh 2-3:15(Lec) 3 credits
CORE: SB F1-1:50 (Dis)

First Year Focus Clusters for Specific Majors

These clusters are designed and recommended for students in specific majors. The courses satisfy major requirements and provide instruction in basic skills and concepts necessary for the successful completion of the majors. (Note: Honors and College Park Scholars students are not eligible to register for some of these clusters.)

Engineering Design

These clusters were developed to enhance opportunities for first-semester engineering students to engage in collaborative learning and group study. The clusters are limited to 18 students and are not open to students in the Honors, College Park Scholars, and Gemstone programs. The goal is to provide an early academic experience with a select group of students who share common interests in science, mathematics, and engineering. Through this opportunity for collaborative learning the students will be better prepared for the engineering "work world".

CLUSTER 20

Engineering Design

CLUS 020 **section 0101** **index 09369**

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis is placed on student interaction in groups, including team approaches to solving calculus-based problems.

MATH 140+ section 0221 MWF 10-10:50 (Lec) 4 credits
CORE: MS/FS TuTh 9:30-10:50(Dis)

Introduction to Engineering Design meets for one hour of lecture and two hours of laboratory per week. Students work as teams to design and build a product using computer software for word processing, spreadsheet, CAD, and communication skills.

ENES 100+ section 0205 W 12-12:50 (Lec) 3 credits
CORE: PS Th 12-1:50 (Lec))

General Chemistry for Engineers will acquaint students with the concepts of matter, solutions, chemical reactions, equilibria, kinetics, thermodynamics, and electrochemistry.

CHEM 133+ section 6124 MWF 2-2:50 (Lec) 4 credits
T u 12:30:3:20 (Lab)
M 11-11:50 (Dis)

CLUSTER 21

Engineering Design

CLUS 021 **section 0101** **index 09370**

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis on student interaction in groups, including team approaches to solving calculus-based problems.

MATH 140+ section 0312 MWF 11-11:50 (Lec) 4 credits
CORE: MS/FS TuTh 11-12:20(Dis)

Introduction to Engineering Design meets for one hour of lecture and two hours of laboratory per week. Students work as teams to design and build a product using computer software for word processing, spreadsheet, CAD, and communication skills.

ENES 100+ section 0206 W 12-12:50 (Lec) 3 credits
CORE: PS Th 2-3:50 (Lec)

General Chemistry for Engineers will acquaint students with the concepts of matter, solutions, chemical reactions, equilibria, kinetics, thermodynamics, and electrochemistry.

CHEM 133+ section 6138 MWF 2-2:50 (Lec) 4 credits
W 3-5:50 (Lab)
M 12-12:50 (Dis)

Engineering Orientation

Engineering Orientation clusters provide an overview of each engineering discipline and an opportunity for students to engage in collaborative learning and group study. The clusters are limited to 20 students and are not open to students in the Honors, College Park Scholars, and Gemstone programs. The goal is to provide an early academic experience with a select group of students who share interests in science, math, and engineering. These clusters also provide an orientation to the faculty, curriculum, services, resources, and activities available that enhance engineering students' academic success.

CLUSTER 22

Engineering Orientation

CLUS 022 **section 0101** **index09371**

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation in engineering a primary goal.

EDCP 108O section 0602 Tu 10-11:50 1 credit

Introduction to Writing

ENGL 101+ section 0301 MWF 11-11:50 3 credits
CORE: FS

Introduction to Psychology

PSYC 100+ section 0229 TuTh 2-2:50 (Lec) 3 credits
CORE: SB Th 11-11:50 (Dis)

Education

Education Orientation Clusters provide students with the opportunities to engage in collaborative learning with a select group of students who share an interest in education. The goal is to provide students with an early academic experience that will enhance their success in education. (Note: Honors and College Park Scholars students are not eligible to register for some of these clusters.) (Education majors only.)

COURSE CLUSTERS

26 FIRST YEAR FOCUS

CLUSTER 23

Education Orientation (Open to Education Majors only)

CLUS 023 **section 0101** **index 09372**

History of the United States to 1865 is a study of the United States from colonial times to the end of the Civil War. Establishment and development of American institutions.

HIST 156+	section 0103	TuTh 10-10:50 (Lec)	3 credits
CORE: SH		M 1-1:50 (Dis)	

Introduction to Sociology explains the fundamental concepts and principles of sociology. Topics include consideration of culture, patterns of social interaction, norms, values, social institutions, stratification, and change.

SOCY 105+	section 0201	TuTh 11-12:15 (Lec)	3 credits
CORE: SB		W 2-2:50 (Dis)	

Introduction to Psychology

PSYC 100+	section 0113	TuTh 9-9:50 (Lec)	3 credits
CORE: SB		W 1-1:50 (Dis)	

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation in education a primary goal.

EDCP 108O	section 0501	W 11-1:00	1 credit

CLUSTER 24

Education Orientation (Open to Education Majors only)

CLUS 024 **section 0101** **index 09373**

History of the United States to 1865 is a study of the United States from colonial times to the end of the Civil War. Establishment and development of American institutions.

HIST 156+	section 0203	MW 11-11:50 (Lec)	3 credits
CORE: SH		M 2-2:50 (Dis)	

Introduction to Sociology explains the fundamental concepts and principles of sociology. Topics include consideration of culture, patterns of social interaction, norms, values, social institutions, stratification, and change.

SOCY 100+	section 0609	TuTh12:30-1:45 (Lec)	3 credits
CORE: SB		W 2-2:50 (Dis)	

Introduction to Writing

ENGL 101+	section 1407	TuTh 2-3:15	3 credits
CORE: FS			

CLUSTER 25

Education Orientation (Open only to students in the College of Education)

CLUS 025 **section 0101** **index 09374**

Introduction to Writing

ENGL 101+	section 1108	TuTh 9:30-10:45	3 credits
CORE: FS			

Speech Communication: Principles and Practices explores valuable techniques for listening, group discussion, interviewing, public briefings, and persuasive speaking.

SPCH 107+	section 3601	MWF 9-9:50	3 credits

College of Arts and Humanities and Letters and Sciences

These clusters are designed and recommended for students in specific majors. The courses satisfy major requirements and provide instruction in basic skills and concepts necessary for the successful completion of the majors. (Note: Honors and College Park Scholars students are not eligible to register for some of these clusters.)Open only to students in the College of Arts and Humanities and Letters and Sciences

CLUSTER 26

Expression of the Mind

CLUS026 **section 0101** **index 09375**

Introduction to Theatre focuses on what makes theater a unique form of art. Students explore aesthetic issues, matters of craft, and the history of theatrical practice. The course includes lectures, discussions, exercises, papers, and exams. Extra credit work in theatrical production allows students to apply directly what they learn in this course.

THET 110+	section 0104	MW 9-9:50 (Lec)	3 credits
CORE: HA		W1-1:50(Dis)	

Introduction to Psychology

PSYC 100+	section 0230	TuTh 2-2:50 (Lec)	3 credits
CORE: SB		M 1-1:50 (Dis)	

Introduction to Writing

ENGL 101+	section 0309	MWF 11:00-11:50	3 credits
CORE: FS			

Computer Science, Math, Physics

These clusters are designed and recommended for students in specific majors. The courses satisfy major requirements and provide instruction in basic skills and concepts necessary for the successful completion of the majors. (Note: Honors and College Park Scholars students are not eligible to register for some of these clusters.) These clusters are aimed at a select group of students who share an interest in Computer Science, Math, Physics, or Astronomy, affording them the opportunity to engage in collaborative learning with their peers. The goal is to provide students with an early academic experience that will enhance their success in their chosen area of study.

CLUSTER 28

Computer, Mathematical, and Physical Sciences Cluster 1

CLUS 028 **section 0101** **index 09378**

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation in computer, math, and physical science a primary goal.

EDCP 108O	section 0401	W 2-3:50	1 credit

Advanced Review of High School Algebra is recommended for students who plan to take but are not yet qualified for MATH 115. This course carries a special fee in addition to regular tuition charges. The course does not carry credit towards any degree at the university but does carry credit for enrollment and other purposes.* The course reviews high school algebra at a faster pace and at a more advanced level than MATH 001 and covers exponents; polynomials; linear equations in one and two variables; quadratic equations; and polynomial, rations, exponential and logarithmic functions.

MATH 002+	section 0321	MW 9-9:50 (Lec) TuTh9-9:50 (Dis)	3 credits*

CLUSTER 29 (See Cluster 28)

Computer, Mathematical, and Physical Sciences Cluster 2

CLUS 029 **section 0101** **index 09379**

College and Career Advancement: The Student and the University

EDCP 108O	section 0402	Th 2-3:50	1 credit

Advanced Review of High School Algebra

MATH 002+	section 0921	MW 12-12:50 (Dis) TuTh 12-12:50 (Lec)	3 credits*

CLUSTER 30

Computer, Mathematical, and Physical Sciences Cluster 3

CLUS 030 **section 0101** **index 09380**

Precalculus is a course in mathematics for students in engineering and other technical disciplines. Topics are elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions. Algebraic techniques preparatory for calculus are also covered.

MATH 115+	section 0731	MWF 1-1:50	3 credits
CORE: FS		Th 11-12:15	

Introduction to C Programming- design and analysis of programs in C. An introduction to computing using structured programming concepts. CMPS and Computer Engineering majors will be given priority for registration until the first day of classes.

CMSC 106+	section 0502	MWF 12-12:50 (Lec) MW 4-4:50 (Lab)	4 credits

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation a primary goal.

EDCP 108O	section 0401	W 2-3:50	1 credit

CLUSTER 31

Computer, Mathematical, and Physical Sciences Cluster 4

CLUS 031 **section 0101** **index 09381**

Precalculus is a course in mathematics for students in engineering and other technical disciplines. Topics are elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions. Algebraic techniques preparatory for calculus are also covered.

MATH 115+	section 0721	MWF 1-1:50 (Lec)	3 credits
CORE: FS		Th9:30-10:45 (Dis)	

Introduction to C programming design and analysis of programs in C. An introduction to computing using structured programming concepts. CMPS and Computer Engineering majors will be given priority for registration until the first day of classes.

FIRST YEAR FOCUS 27

CMSC 106+	section 0101	MWF 9-9:50 (Lec) MW 3-3:50 (Dis)	4 credits

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation a primary goal.

EDCP 108O	section 0402	Th 2-3:50	1 credit

CLUSTER 32

Computer, Mathematical, and Physical Sciences Cluster 5

CLUS 032 **section 0101** **index 09382**

Precalculus is a course in mathematics for students in engineering and other technical disciplines. Topics are elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions. Algebraic techniques preparatory for calculus are also covered.

MATH 115+ CORE: FS	section 0722	MWF 1-1:50 (Lec) Th9:30-10:45 (Dis)	3 credits

Introduction to C Programming- design and analysis of programs in C. An introduction to computing using structured programming concepts. CMPS and Computer Engineering majors will be given priority for registration until the first day of classes.

CMSC 106+	section 0101	MWF 9-9:50 (Lec) MW 3-3:50 (Dis)	4 credits

CLUSTER 33

Computer, Mathematical, and Physical Sciences Cluster 6

CLUS 033 **section 0101** **index 09383**

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis is placed on student interaction in groups, including team approaches to solving calculus-based problems.

MATH 140+ CORE: MS/FS	section 0311	MWF 11-11:50 TuTh 11-12:20	4 credits

Introduction to C Programming- design and analysis of programs in C. An introduction to computing using structured programming concepts. CMPS and Computer Engineering majors will be given priority for registration until the first day of classes.

CMSC 106+	section 0401	MWF 2-2:50 (Lec) MW 3-3:50 (Lab)	4 credits

CLUSTER 34

Computer, Mathematical, and Physical Sciences Cluster 7

CLUS 034 **section 0101** **index 09384**

Precalculus is a course in mathematics for students in engineering and other technical disciplines. Topics are elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions. Algebraic techniques preparatory for calculus are also covered.

MATH 115+ CORE: FS	section 0732	MWF1:-1:50 Th 11-12:15	3 credits

Professional Physics Seminar Recommended: high school physics. Provides a look at some of the major developments of current interest in physics research and discusses the activities physicists undertake in research, education, industry, government, and other areas of the economy.

PHYS 170+	section 0101	W 12-12:50	1 credit

CLUSTER 35

Computer, Mathematical, and Physical Sciences Cluster 8

CLUS 035 **section 0101** **index 09385**

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis is placed on student interaction in groups, including team approaches to solving calculus-based problems.

MATH 140+ CORE: MS/FS	section 0323	MWF 11-11:50 (Lec) TuTh 12:30-1:50 (Dis)	4 credits

Introduction to C Programming- design and analysis of programs in C. An introduction to computing using structured programming concepts. CMPS and Computer Engineering majors will be given priority for registration until the first day of classes

CMSC 106+	section 0402	MWF 2-2:50 (Lec) MW 4-4:50 (Lab)	4 credits

Clusters 40 & 41 are part of a Letters and Sciences Learning Community.
These clusters are designed and recommended for students in specific majors. The courses satisfy major requirements and provide instruction in basic skills and concepts necessary for the successful completion of the majors. Open only to students in Letters and Sciences.

CLUSTER 40

Public and Private Consciousness

CLUS 040 **section 0101** **index 09376**

Although often treated as separate roles, the public and the private self are parts of a whole individual life. The field of counseling and related professions has grown to encompass both the diversity of situations and the diversity of individual lives. This learning community will explore the role of the counselor in the treatment of the whole person who operates both publicly and privately. Students will receive an overview of common roles of the counselor, common interventions and will examine the role of race, gender and culture in the public and private self.

Introduction to Counseling and Personnel Services is an overview of counselor functions and skills that lead to effective helping.

EDCP 210+	section 0101	W 10-1:00	3 credits

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation a primary goal.

EDCP 108O	section 0840	Th 11-1:00	1 credit

Introduction to Psychology

PSYC 100+ CORE: SB	section 0334	TuTh3-3:50 (Lec) Tu 11-11:50 (Dis)	3 credits

CLUSTER 41

The Public Communicators

CLUS 041 **section 0101** **index 09377**

Public communication professionals have taken on a pivotal role in our culture. They are the writers and keepers of the public store of information; they influence the debate and ultimately the public action surrounding the issues of our time. This learning community will explore the roles, ideals and pragmatic realities of the public communicators. Writers and speakers from a number of related professions will share their insights into the processes and outcomes of pubic communication.

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation a primary goal.

EDCP 108O	section 0841	TuTh 3-4:00	1 credit

Introduction to Writing

ENGL 101+ CORE: FS	section 0308	MWF 11:00-11:50	3 credits

Professional Orientation What are the cultural duties and responsibilities of the journalist in the Age of Information? What are the ethical considerations of public communication and how do they work in the real world? The course will also familiarize students with alternative career paths such as corporate media and the newsletter industry.

JOUR 101+	section 0101	MW2-2:50(Lec)	1 credit

Speech Communication: Principles and Practices explores valuable techniques for listening, group discussion, interviewing, public briefings, and persuasive speaking.

SPCH 107+	section 3701	MWF 9-9:50	3 credits

28 CORE

CORE *Program*

Office of the Dean for Undergraduate Studies
2130 Mitchell Building
301-405-9359

Check **CORE Online** for CORE course lists and information at:
http://www.inform.umd.edu/GenEd,
a great resource for up-to-date CORE approvals made after this publication was printed.

The CORE Liberal Arts and Sciences Studies Program (CORE) is the University of Maryland's set of general education requirements that all undergraduates must complete in addition to their major, department, and college requirements. The CORE requirements are outlined below, followed by the approved CORE course list (current as of July 1998). Please note that this is a comprehensive list; **courses offered during Fall 1998 appear in boldface type.** See page 21 for World Course descriptions.

ADDITIONAL RESOURCES:

- **CORE Online at: http://www.inform.umd.edu/GenEd**
- **CORE 101 - A Student Guide to the CORE Program** and the **CORE Academic Record Keeper** (available at your advising office during and after Orientation and at The Office of Undergraduate Studies, 2130 Mitchell Building).
- **Undergraduate Catalog**

NOTE:

- If you earned 9 or more credits before May, 1990 that will count toward your undergraduate degree from the University of Maryland, you may need information about earlier general education programs. Please refer to the Undergraduate Catalog or CORE Online.

COURSES USED TO FULFILL CORE REQUIREMENTS:

MUST be selected from the approved CORE course list.
MAY also be used to satisfy college, major, and/or supporting area requirements if the courses also appear on CORE Fundamental or Distributive Studies lists.
MAY NOT be taken on a Pass-Fail basis.

CORE FUNDAMENTAL STUDIES 3 COURSES

1. ONE COURSE IN INTRODUCTION TO WRITING

[Must be attempted within first thirty credits and passed within first 60.]

Approved CORE Introduction to Writing Courses:

ENGL 101	**Introduction to Writing**
ENGL 101A	**Introduction to Writing** (Students must take ENGL 101A rather than ENGL 101 if their TSWE score [a subscore of the SAT verbal] is 33 or below.
ENGL 101H	**Introduction to Writing** (Honors Students)
ENGL 101X	**Introduction to Writing** (Students for whom English is a second language may register for ENGL 101X instead of ENGL 101. To register for ENGL 101X, a student must present one of the following: **(1)** 550 or above on the TOEFL, **OR** **(2)** 220 or above on the Maryland English Institute Program (MEIP) Exam administered at the College Park campus by the Maryland English Institute (MEI), **OR** **(3)** successful completion of the MEI's semi-intensive course in English.

Note: Based on TOEFL or MEIP scores, students may be required to complete English language instruction for non-native speakers through the MEI before being allowed to register for ENGL 101X.)

Exemptions from Introduction to Writing:

* AP English Language and Composition Exam, score of 4 or 5, **OR**
* SAT verbal score 670 or above (In April 1995, the Educational Testing Service recentered the scores on the SAT. If taken before April 1995, one must receive a score of 600 or above to be exempt from Freshman Writing. This recentering does not reflect a raising of the requirement for exemption, but a change in the scoring system which the ETS uses.)

2. ONE COURSE IN MATHEMATICS

(Must be attempted within first thirty credits and passed within first 60.)

Approved CORE Fundamental Studies Mathematics Courses:

MATH 110	**Elementary Mathematical Models**, or
MATH 113	**College Algebra with Applications**
MATH 115	**Pre-calculus**, or
	Any 100 or 200 level MATH or STAT course except MATH 210 and MATH 211

Exemptions from Mathematics:

* SAT Math score 600 or above; **OR**
* College Board Achievement Test in Mathematics, Level I or II, score of 600 or above; **OR**
* AP score of 3 or above in Calculus AB or BC; **OR**
* CLEP General Mathematics Exam score of 560 or higher; or CLEP Calculus/Elementary Functions Exam, score of 47 or higher; or any other CLEP Mathematics subject exam, score of 60 or higher.

3. ONE COURSE IN PROFESSIONAL WRITING

(after 56 credits).

Approved CORE Professional Writing Courses:

(select the appropriate course based on requirements or interests)

ENGL 391	**Advanced Composition**
ENGL 391H	Advanced Composition (Honors Students)
ENGL 391X	**Advanced Composition** (English as a Second Language [ESL])
ENGL 392	**Advanced Composition** (pre-law)
ENGL 393	**Technical Writing**
ENGL 393H	Technical Writing (Honors students)
ENGL 393X	**Technical Writing** (ESL)
ENGL 394	**Business Writing**
ENGL 395	**Technical Writing** (pre-med and health careers)

Exemption from Professional Writing:

**Grade of "A" in ENGL 101 (NOT ENGL 101A or ENGL 101X), except for students majoring in Engineering. All engineering students must take ENGL393. NOTE: No exemption from the Professional Writing requirement will be granted for achievement on SAT verbal exam. Professional Writing courses cannot be used to fulfill Advanced Studies requirements.*

CORE DISTRIBUTIVE STUDIES 9 COURSES

1. THREE COURSES IN HUMANITIES AND THE ARTS

* One course from **Literature** list, and
* One course from **History or Theory of the Arts** list, and
* One more course from **Literature**, **OR History or Theory of Arts**, **OR Humanities** lists

2. THREE COURSES IN MATHEMATICS AND SCIENCES

* Up to two courses from **Physical Sciences** list, and
* Up to two courses from **Life Sciences** list, and
* Up to one course from **Mathematics/Formal Reasoning** list

*Notes: One course **MUST** include or be accompanied by a lab taken in the same semester. More than one lab course may be taken. All three courses may be selected from the science lists.*

3. THREE COURSES IN SOCIAL SCIENCES AND HISTORY

* One course from **Social or Political History** list, and
* Two courses from **Behavioral and Social Sciences** list

CORE ADVANCED STUDIES 2 COURSES (6 CREDITS)

* Two upper-level (300-400 level) courses (outside major after 56 credits). Students may substitute a CORE-approved senior capstone course (in major after 86 credits), or a senior or honors thesis for ONE of the two required advanced studies courses.

The following may NOT be used to fulfill Advanced Studies requirements: *Professional Writing courses (courses that meet the CORE and USP Fundamental Studies upper-level writing requirement); courses used to meet Distributive Studies requirements; internships, practica, or other experiential-learning type of courses. If you have questions please call the Office of Undergraduate Studies at 405-9359.*

CORE HUMAN CULTURAL DIVERSITY 1 COURSE

Cultural Diversity courses focus primarily on: (a) the history, status, treatment, or accomplishment of women or minority groups and subcultures; (b) non-Western culture, or (c) concepts and implications of diversity. *Note: A number of CORE Cultural Diversity courses also satisfy CORE Distributive Studies requirements or a college, major, and/or supporting area requirement.*

CORE Codes

The following CORE Codes appear in the headings of the course lists below and designate the CORE requirement(s) met by each course. These codes also appear in the individual course listings when they appear later in the Schedule, where they have the same meaning.

CORE Distributive Studies:

HL	Humanities and the Arts - LITERATURE
HA	Humanities and the Arts - HISTORY OR THEORY OF THE ARTS
HO	Humanities and the Arts - HUMANITIES
PS	Mathematics and the Sciences - PHYSICAL SCIENCES (NON-LAB)
LS	Mathematics and the Sciences - LIFE SCIENCES (NON-LAB)
MS	Mathematics and the Sciences - MATHEMATICS OR FORMAL REASONING (NON-LAB)
PL	Mathematics and the Sciences - PHYSICAL SCIENCES (LAB)
LL	Mathematics and the Sciences - LIFE SCIENCES (LAB)
ML	Mathematics and the Sciences - MATHEMATICS OR FORMAL REASONING (LAB)
SH	Social Sciences - SOCIAL OR POLITICAL HISTORY
SB	Social Sciences - BEHAVIORAL AND SOCIAL SCIENCE

CORE Advanced Studies
CS CAPSTONE

CORE Diversity:
D DIVERSITY

APPROVED CORE COURSE LIST

Not all approved courses are offered each semester. Courses scheduled to be offered in the current semester appear in bold-face type. The list is correct as of press time; however, offerings are subject to change.

CORE FUNDAMENTAL STUDIES *3 courses*

*PLEASE REFER TO **CORE OUTLINE** FOR COURSE REQUIREMENTS AND EXEMPTIONS.*

CORE DISTRIBUTIVE STUDIES *9 courses*

1. *Students meeting CORE requirements must select courses from the CORE lists only.*
2. *Please consult the **Undergraduate Catalog** and the **CORE 101** for additional information on requirements, prerequisites, etc.*
3. *In the following CORE Distributive Studies list, courses noted "(D)" also meet the CORE Diversity Requirement.*

Humanities & the Arts - *3 courses*

CORE Literature: (CORE CODE: HL)

CHIN 213	Chinese Poetry into English: Intro. (D)
CLAS 100	Classical Foundations
CLAS 170	**Greek and Roman Mythology**
CLAS 270	**Greek Literature in Transl'n**
CLAS 271	Roman Literature in Transl'n
CMLT 235	**Intro. to Lit. of the African Diaspora (also as ENGL 235) (D)**
CMLT 270	**Global Literature and Social Change (D)**
CMLT 275	**World Lit. by Women (also as WMST 275) (D)**
CMLT 277	**Literature of the Americas (D)**
ENGL 201	**Western World Lit.: Homer to the Renais.**
ENGL 201H	**Western World Lit.: Homer to the Renaissance (also as HONR 258Q)**
ENGL 202	**Western World Lit., Renaiss - Present**
ENGL 202H	Western World Lit., Renaiss - Present (also as HONR 238C)
ENGL 205	**Intro. to Shakespeare**
ENGL 205H	**Intro. to Shakespeare (also as HONR 258K)**
ENGL 211	**English Lit. from Beginnings to 1800**
ENGL 212	**English Lit. from 1800 to the Present**
ENGL 221	**American Lit.: Beginning to 1865**
ENGL 222	**American Lit.: 1865 to the Present**
ENGL 234	**Intro. to African-American Lit. (D)**
ENGL 235	**Intro. to the Lit. of the African Diaspora (also as CMLT 235) (D)**
ENGL 240	**Intro. to Fiction, Poetry and Drama**
ENGL 241	**Intro. to the Novel**
ENGL 242	**Intro. to Non-Fiction Prose**
ENGL 243	**Intro. to Poetry**
ENGL 244	**Intro. to Drama**
ENGL 250	**Intro. to Lit. by Women (also as WMST 255) (D)**
ENGL 277	**Mythologies: An Introduction**
FREN 240	Masterworks of French Lit. in Transl'n
FREN 241	Women Writers of French Expres. in Transl'n (also as WMST 241) (D)
FREN 242	Black Writers of French Exp. in Transl'n (D)
FREN 250	**Readings in French**
GERM 281	Women in German Lit. and Society (also as WMST 281) (D)
GERM 282	**Germanic Mythology**
GERM 283	Viking Culture & Civilization (formerly GERM 383)
GERM 284	**German Chivalric Culture (formerly GERM 384)**
GERM 285	German Film and Literature
GERM 286	Ancient Indic Culture and Civilization (formerly GERM 371)
GERM 287	Ancient Celtic Culture and Civilization (formerly GERM 372)
HEBR 231	Jewish Literature in Transl'n
HONR 238B	**Images of Masculinity in 20th Century American Literature and Film**
HONR 238C	Western World Lit.: Renaissance to the Present (also as ENGL 202H)
HONR 238D	19th and 20th Century English Literature
HONR 238F	Reading Contemp.Poems by Themselves
HONR 238K	Nature and Place: A Course in Non-Fiction Prose
HONR 238V	Difference and Value in Literary Texts
HONR 238X	Literature in a Global Society
HONR 238Y	Shakespeare and Learning
HONR 238Z	**Understanding the World through Reading**
HONR 239F	Poetry of the Earth: Lang., Nature, & Ecology
HONR 239G	African Literature (D)
HONR 239K	The Discovery of Personality in Literature
HONR 239N	The Black Experience in Amer. Drama (D)
HONR 258A	**Untold Stories: Modern Women Writers Reimagining the Western Tradition (D)**
HONR 258I	Reading the Bible: An Intro. to Critical Methods (also as JWST 164)
HONR 258J	Modern Jewish Experience through Literature (also as JWST 171) (D)
HONR 258K	**Introduction to Shakespeare (also as ENGL 205H; formerly HONR 158K)**
HONR 258Q	**Western World Lit.: Homer to the Renaissance (also as ENGL 201H)**
HONR 258T	**Tools of Fiction: Lit. &/as Creative Writing**
HONR 259F	Non-Fiction Prose: The Essay
HONR 259Q	**Conformity, Rebellion, and Identity: A Literary Perspective**
HONR 259S	**The Body and Literature**

NOTE: Some CORE-approved Honors courses have the same course number and suffix as another CORE-approved Honors course. Both courses will not be offered in the same semester. The list is correct as of press time; however, offerings are subject to change. Not all approved courses are offered each semester. Check course listings. FOR MORE INFORMATION ABOUT CORE CONSULT: CORE Guide for Undergraduate Advisors available for review at the Hornbake Library Reserve Desk and in advising offices or InforM online information system (access through student Workstations at Maryland [WAM] account).

CORE 29

CORE Literature: (HL) cont'd

HONR 268Q	**Science as Literature**
HONR 268W	**Retelling the Tale**
ITAL 241	Modern Women Writers in Transl'n.
ITAL 251	Intro. to Italian Literature
JWST 164	Reading the Bible: An Intro. to Critical Methods (also as HONR 258I)
JWST 171	Modern Jewish Experience through Literature (also as HONR 258J) (D)
JWST 262	**The Hebrew Bible: Narrative**
JWST 263	The Hebrew Bible: Poetry and Rhetoric
PORT 228A	**Latin American Literatures and Society: An Interdisciplinary Approach to the Amazon Ecosystem (also as SPAN 228A) (D)**
RUSS 221	**Masterworks of Russian Literature I**
RUSS 222	Masterworks of Russian Literature II
SPAN 221	**Introduction to Literature**
SPAN 222	Cultural Differences in Contemp. Latin American Culture (D)
SPAN 224	Violence and Resistance in Americas (D)
SPAN 228A	**Latin American Literatures and Society: An Interdisciplinary Approach to the Amazon Ecosystem (also as PORT 228A) (D)**
WMST 241	Women Writers of French Expres. in Transl'n (also as FREN 241) (D)
WMST 255	**Intro. to Lit. by Women (also as ENGL250)(D)**
WMST 275	**World Lit. by Women (also as CMLT 275) (D)**
WMST 281	Women in German Lit. and Society (also as GERM 281) (D)

CORE History or Theory of the Arts: (CORE CODE: HA)

AMST 205	**Material Aspects of American Life**
ARCH 170	**Intro. to the Built Environment**
ARCH 223	History of Non-Western Architecture (D)
ARTH 100	Introduction to Art
ARTH 200	**Art of the Western World to 1300**
ARTH 201	**Art of the Western World after 1300**
ARTH 275	**Art and Archaeology of Africa (D)**
ARTH 290	**Art of Asia (D)**
ARTT 150	**Introduction to Art Theory**
CMLT 214	**Film, Form, and Culture**
CMLT 280	**Film Art in a Global Society (D)**
DANC 200	**Introduction to Dance (D)**
ENGL 245	**Film and the Narrative Tradition**
HONR 238E	Art and Vision
HONR 2380	Poetry, Calligraphy, and Painting: Visual and Verbal Representation in China (D)
HONR 238R	Gender and Performance (D)
HONR 239B	Surrealism: Literature, Art, and Film
HONR 239C	The Creative Process in Dance (D)
HONR 239E	Building Culture: An Introduction to Architecture as Phenomenon
HONR 239H	Playing with Plays
HONR 239J	The Persona of the Artist: Lonely Genius or Successful Entrepreneur?
HONR 239M	Art of Asia (also as ARTH 290)
HONR 258C	**Silence and Art**
HONR 258F	**Gender & Space in Film: A Comp. View (D)**
HONR 259D	Understanding the Japanese through the Performing Arts (D)
HONR 269R	**Putting One's Body on the Line (D)**
HONR 269S	Reading People and Places: Environmental Non-Verbal Communication
MUSC 130	**Survey of Music Literature**
MUSC 140	**Music Fundamentals I**
MUSC 210	**The Impact of Music on Life (D)**
MUSC 248A	**Musics of the World (D)**
MUSC 248C	**World Popular Musics and Gender (D)**
THET 110	**Introduction to the Theatre**
THET 195	Gender and Performance (D)
THET 290	**American Theatre 1750-1890**
THET 291	American Theatre 1890-Present
THET 293	Black Theatre and Performance I (D)
THET 294	Black Theatre and Performance II (D)
UNIV 118A	**Topics in Creativity: The Creative Drive**
WMST 250	**Intro. to Women's Studies: Women, Art and Culture (D)**

CORE Humanities Courses: (CORE CODE: HO)

AASP 200	African Civilization
AMST 201	**Intro. to American Studies**
AMST 203	**Popular Culture in America**
AMST 204	**Film and American Culture Studies**
AMST 211	**Technology and American Culture**
CHIN 202	**Intermediate Written Chinese I**
CHIN 204	Intermediate Written Chinese II
CHIN 205	Intermediate Chinese-Accelerated Track
CMLT 291	Intern'l Perspect. on Lesbian & Gay Studies (D)
EDPA 210	Hist. & Philos. Perspectives on Education
ENGL 282	**Introduction to Rhetorical Theory**
FREN 202	Honors Intermediate French (in French)
FREN 203	**Intermediate French**
FREN 204	**Review Grammar and Composition**
GERM 201	**Intermediate German I**
GERM 202	**Intermediate German II**
GERM 280	**German-American Cultural Contrast**
HIST 110	**The Ancient World**
HIST 112	**The Rise of the West: 1500-1789**
HONR 169Z	Knowledge & Its Human Consequences (This course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 218A	**In Search of Ancient Astronomies (D)**
HONR 218B	Individual Rights from Cicero to Rand
HONR 218C	**Western Intellect. Heritage: Hero & Society**
HONR 218L	**Language and Mind**
HONR 238A	The World of the Dead Sea Scrolls (also as JWST 128A)
HONR 238G	Thanatos - The Many Meanings of Death
HONR 238L	The Mind and Language
HONR 238M	Shadow Play: An Intro. to Film Studies
HONR 238S	Music and Ritual
HONR 238T	Censorship and the Writer: Literary Ethics in 18th and 19th Century Modern Europe
HONR 238U	The Spiritual Heritage of the Human Race
HONR 239A	Sexuality & Lit.: Oscar Wilde's Text & Context
HONR 239I	**Buddhism: Pers. & Social Transform. (D)**
HONR 239L	Women of Africa/Diaspora (D)
HONR 239O	Rebuilding Eden: Utopian Communities as Blueprints for the Good Life
HONR 248A	The Passion of the Educated Mind
HONR 249N	The Ups and Downs of Human Flight
HONR 249V	Lawyers and the Adversary System
HONR 258E	**Television Reality**
HONR 258R	Plato's Republic (also as PHIL 110)
HONR 259J	**American Suburbia**
HONR 268E	**Gods, Demons, and Mythology in the Ancient Near East and Egypt**
HONR 268J	Religion and Progress: Islamic Science, Politics, and Economics (D)
HONR 268R	**The Cultural Significance of Astronomy**
HONR 268Z	**Faces in the Mirror: The Culture of the Mask**
HONR 269C	Mythology
HONR 269I	Immigrant Voices (D)
HONR 269J	The Beat Begins: American Culture in 1950's
HONR 269L	Hinduism: Karma, Dharma, Caste, Sects and Symbols (D)
HONR 278D	**Women and Religion (D)**
ITAL 203	**Intermediate Italian**
ITAL 204	**Review Grammar and Composition**
ITAL 261	Cuisine, Culture, and Society in Italy Yesterday and Today (in Italian)
ITAL 271	The Italian-American Experience
JWST 128A	World of the Dead Sea Scrolls (also as HONR 238A)
JWST 250	Fund. Concepts of Judaism (also as PHIL 234)
KNES 262	**Philosophy of Sport**
LARC 160	**Intro. to Landscape Arch.**
LASC 234	**Issues in Latin American Studies I (also as PORT 234 and SPAN 234) (D)**
LATN 201	**Intermediate Latin**
LING 210	Structure of American Sign Language (D)
LING 240	**Language and Mind**
PHIL 100	**Introduction to Philosophy**
PHIL 101	The Structure of Knowledge
PHIL 102	Truth and Reality
PHIL 103	Self and Identity
PHIL 105	God and Cosmos
PHIL 110	Plato's Republic (also as HONR 258R)
PHIL 140	**Contemporary Moral Issues**
PHIL 201	Issues in the Philosophy of Life
PHIL 209E	Existentialism
PHIL 234	Fund. Concepts of Judaism (also as JWST 250)
PHIL 245	Political and Social Philosophy I
PHIL 250	**Philosophy of Science I**
PHIL 256	**Philosophy of Biology I**
PORT 223	Portuguese Culture (in English)
PORT 224	Brazilian Culture (in English) (D)
PORT 234	**Issues in Latin American Studies I (also as LASC 234 and SPAN 234) (D)**
PORT 235	Issues in Latin American Studies II (also as SPAN 235) (D)
RUSS 201	**Intermediate Russian I**
RUSS 202	Intermediate Russian II
RUSS 281	19th Century Russian Culture
RUSS 282	**Contemporary Russian Culture (D)**
SPAN 125	Span. Civil.: From Kingdoms to Nationalities
SPAN 201	**Intermediate Spanish**
SPAN 202	**Intermediate Grammar and Composition**
SPAN 223	**U.S. Latino Culture (D)**
SPAN 234	**Issues in Latin American Studies I (also as LASC 234 and PORT 234) (D)**
SPAN 235	Issues in Latin American Studies II (also as PORT 235) (D)

CORE Math. & Sciences

3 courses

(At least one course MUST be from CORE Lab List.)

CORE Laboratory Courses

CORE Physical Sciences Laboratory: (CORE CODE: PL)

Only those courses that appear also on the approved CORE non-lab lists may be counted as CORE non-lab courses (ASTR 100, CHEM 121, and METO 200).

ASTR 100/111	**Intro. to Astronomy & Observational Astronomy Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
ASTR 101	**General Astronomy**
CHEM 102	Chemistry of Our Environment
CHEM 103	**General Chemistry I**
CHEM 113	**General Chemistry II**
CHEM 121/122	Chemistry in the Modern World & Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
GEOG 201/211	**Geog. of Environ. Sys. / Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
GEOL 100/110	**Phys. Geol. / Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
GEOL 103	Water, Earth and Humans
GEOL 105	Geology of Maryland
GEOL 107	Natural Hazards
METO200/201	**Weather & Climate & Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 102/103	**Phys. of Music/Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 106/107	**Light, Perception, Photography & Visual Phenomena/Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 117	**Intro. to Physics**
PHYS 121	**Fundamentals of Physics I**
PHYS 122	**Fundamentals of Physics II**
PHYS 141	**Principles of Physics**
PHYS 142	**Principles of Physics**
PHYS 262	**Gen. Phys.: Vibrations, Waves, Heat, Electricity, and Magnetism**
PHYS 263	**Gen. Phys.: Electrodynamics, Light, Relativity and Mod. Physics**
PHYS 272/275	**Intro. Physics: Vibration, Waves, Heat, Fluids, Optics, and Light/Experimental Physics I: Mechanics & Thermodynamics (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**

CORE Life Sciences Laboratory: (CORE CODE: LL)

AGRO 101	**Intro. Crop Science**
AGRO 202	Fundamentals of Soil Science (formerly 302)
ANSC 211	**Anatomy of Domestic Animals**
ANTH 220	Intro. to Biological Anthropology (D)
BIOL 101/102	**Concepts of Biology/Lab in Biol. (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
BIOL 105	**Principles of Biology I**
BIOL 105M	**Principles of Biology I**
BIOL 106	**Principles of Biology II**
CHEM 104	Fund. of Organic and Biochemistry
ENTM 205	**Principles of Entomology**
HORT 100	Intro. to Horticulture
MICB 100	Microbes and Society
MICB 200	**General Microbiology**
PBIO 100/101	**Plant Biology and Lab in Plant Biology (formerly BOTN 104/105) (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
ZOOL 201	**Human Anatomy and Physiology I**
ZOOL 210	**Animal Diversity**

CORE Math or Formal Reasoning Laboratory: (CORE CODE: ML)

NONE

CORE Non-Laboratory:

Only those courses that appear on the approved CORE non-lab lists may be counted as CORE non-lab courses.

CORE Physical Sciences Non-Laboratory: (CORE CODE: PS)

ASTR 100	**Intro. to Astronomy (if taken Fall 1993 or after)**
ASTR 120	**Introductory Astrophysics - Solar System**
ASTR 200	**Intro. Astronomy and Astrophysics**
ASTR 220	**Collisions in Space**
CHEM 121	Chemistry in the Modern World
ENES 100	**Introduction to Engineering Design**
ENES 105	How Things Work - Basic Tech. Literacy
GEMS 101	Technological Innovation: An Historical Perspective (Students may count this course in one of two areas: SH or PS, but not both.)
GEOG 123	Causes & Implications of Global Change (also as GEOL/METO/PBIO 123)
GEOG 140	Coastal Environments
GEOL 104	**Dinosaurs: A Natural History**
GEOL 120	**Environmental Geology**
GEOL 123	Causes & Implications of Global Change (also as GEOG/METO/PBIO 123)
GEOL 212	Planetary Geology
HONR 169Z	Knowledge & Its Human Consequences (This course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 228E	Our Nuclear Society: From Chernobyl to PET Scans
HONR 228F	Managing Planet Earth
HONR 228L	Light, Optics, and Lasers
HONR 228Q	**Nuclear Physics and Society**
HONR 228R	From Crisis to Chaos
HONR 228U	The Space Environment and the Solar Terrestrial Connection
HONR 259C	Fearfully Great Lizards: Topics in Dinosaur Research
HONR 259M	**The Science in Science Fiction**
METO 123	Causes & Implications of Global Change (also as GEOG/GEOL/PBIO 123)
METO 200	**Weather and Climate**
PBIO 123	Causes & Implications of Global Change (also as GEOG/GEOL/METO 123)
PHYS 101	**Cont. Physics-Revolutions in Physics**
PHYS 111	**Physics in the Modern World**
PHYS 112	Physics in the Modern World
PHYS 161	**General Physics: Mechanics and Particle Dynamics**
PHYS 171	**Intro. Physics: Mechanics**
UNIV 138A	**The Nile, Technology, Politics, & the Environment (This course may be counted toward only ONE of three areas: LS, PS, or SH)**

CORE Life Sciences Non-Laboratory: (CORE CODE: LS)

AGRO 105	**Soil and Environmental Quality**
ENTM 100	**Insects**
HESP 108W	Left Brain, Right Brain (also as HONR 228W)
HONR 169Z	Knowledge & Its Human Consequences (This course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 228G	Sea Monsters and Deep Sea Sharks
HONR 228I	Why and How to Conserve Biodiversity
HONR 228N	Environmental Physiology and the Chesapeake Bay
HONR 228T	Ethics in Environmental Science
HONR 228W	Left Brain, Right Brain (also as HESP 108W)
HONR 229A	The Changing Chesapeake Bay: Past, Present, and Future
HONR 278P	**Case Studies in Biology and Culture (D)**
KNES 260	**Science of Physical Activity & Cardiovascular Health**
NFSC 100	**Elements of Nutrition**
PBIO 235	**Environmental Science (formerly BOTN 211)**
PBIO 255	Chesapeake: A Living Resource
UNIV 138A	**The Nile, Technology, Politics, & the Environment (This course may be counted toward only ONE of three areas: LS, PS, or SH)**

CORE Math or Formal Reasoning Non-Laboratory: (CORE CODE: MS)

CMSC 150	**Intro. to Discrete Structures**
GEOG 170	Maps and Map Use
HONR 169Z	Knowledge & Its Human Consequences (This course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 228A	**Science and Pseudo-science: An Investigative Approach**
HONR 228J	Selected Mathematical Classics
HONR 2280	Symmetry
HONR 228V	The Mathematics of Gambling
HONR 228Z	Mathematics, Truth, and Culture
HONR 258N	**Phil. & Computers (also as PHIL 209P)**
MATH 111	**Intro. to Probability**
MATH 140	**Calculus I**
MATH 141	**Calculus II**
MATH 220	**Elementary Calculus I**
MATH 221	**Elementary Calculus II**
MATH 240	**Intro. to Linear Algebra**
MATH 250	Analysis I (Honors)
MATH 251	Analysis II (Honors)
PHIL 170	**Introduction to Logic**
PHIL 209P	**Phil. & Computers (also as HONR 258N)**
PHIL 271	**Symbolic Logic I**
STAT 100	**Elementary Statistics and Probability**

CORE Social Sciences and History - *3 courses*

CORE Social or Political History: (CORE CODE: SH)

AASP 100	**Intro. to Afro-American Studies (D)**
AASP 109P	Urban Black America: Politics & Protest (D)
AASP 202	**Black Culture in the United States (D)**
AASP 298A	Sub-Saharan Africa since 1800 (also as HIST 123) (D)
AASP 298C	Pre-Colonial African Civilization (also as HIST 122) (D)
ENGL 260	**Introduction to Folklore**
GEMS 101	Technological Innovation: An Historical Perspective (Students may count this course in one of two areas: SH or PS, but not both.)
HIST 106	Amer. Jewish Exper. (also as JWST 141)
HIST 111	**The Medieval World**
HIST 113	**Modern Europe: 1789 - Present**
HIST 120	**Islamic Civilization (D)**
HIST 122	**African Civilizations to 1800 (also as AASP 298C) (D)**
HIST 123	Sub-Saharan Africa since 1800 (also as AASP 298A) (D)
HIST 126	Jewish Civilization (also as JWST 121)
HIST 156	**History of the U.S. to 1865**
HIST 157	**History of the U.S. since 1865**
HIST 174	Intro. to the History of Science
HIST 175	**Science & Tech. in Western Civilization**
HIST 210	**Women in America to 1880 (also as WMST 210) (D)**
HIST 211	**Women in America since 1880 (also as WMST 211) (D)**
HIST 212	Women in Western Europe, 1750-Present (also as WMST 212) (D)
HIST 219C	US-East Asian Cultural Relations (D)
HIST 234	History of Britain to 1485
HIST 235	**History of Britain 1461-1714**
HIST 236	History of Britain 1688 to Present
HIST 237	Russian Civilization (D)
HIST 250	**Latin-American History I (D)**
HIST 251	Latin-American History II (D)
HIST 260	The North Atlantic World 1550-1800
HIST 266	**The United States and World Affairs**
HIST 275	**Law & Constitutionalism in American Hist.**
HIST 281	Intro. to the Rabbinic Movement (also as JWST 230) (D)
HIST 282	**History of the Jewish People I (also as JWST 234) (D)**
HIST 283	History of the Jewish People II (also as JWST 235) (D)
HIST 285	East Asian Civilization II
HONR 248B	The Dynamics of Jewish Survival
HONR 248F	America's Families: Past to Present
HONR 248G	**Social and Group Violence in America**
HONR 248I	Uses of Education
HONR 248K	Anatomy of Two Cold Wars
HONR 2480	**The Military & the Media in Amer. History**
HONR 248R	Critical Issues in the African-American Experience in the Americas (D)
HONR 248T	Oral Memoir and Autobiography: The Invention of Self
HONR 248W	**America in the1960's**
HONR 248Y	The Legacy of Thomas Jefferson
HONR 249G	Liberalism in Europe & U.S., 1770-Present
HONR 249S	The U.S. in Vietnam: A Crossroads in American Society
HONR 249W	Corn Mothers and Captain Cook: Historical Anthropology of New World (D)
HONR 249X	Comp. Grand Strategy & Military Doctrine
HONR 258V	**American Attitudes Toward War**
HONR 259K	From a City on the Hill to NATO on the Plain: The Rise & Fall of American Isolationism
HONR 268B	**How the West was Won and Lost: The Legacy of Conquest on the American Frontier**
HONR 268N	**The First Amendment on the Line: Religion and the Public Schools**
HONR 269A	The History of Crime: Criminal Justice in Modern Europe
JWST 121	Jewish Civilization (also as HIST 126)
JWST 141	Amer. Jewish Exper. (also as HIST 106)
JWST 230	Intro. to the Rabbinic Movement (also as HIST 281) (D)
JWST 234	**History of the Jewish People I (also as HIST 282) (D)**
JWST 235	History of the Jewish People II (also as HIST 283) (D)
KNES 293	**History of Sport in America**
UNIV 138A	**The Nile, Technology, Politics, & the Environment (This course may be counted toward one of three areas: LS, PS, or SH)**
WMST 210	**Women in America to 1880 (also as HIST 210) (D)**
WMST 211	Women in America since 1880 (also as HIST 211) (D)
WMST 212	Women in Western Europe, 1750-Present (also as HIST 212) (D)

CORE Behavioral and Social Science: (CORE CODE: SB)

AASP 101	**Public Policy and the Black Community**
AMST 207	**Contemporary American Cultures (D)**
ANTH 240	**Introduction to Archaeology (D)**
ANTH 260	**Intro. to Sociocultural Anthro. and Linguistics (D)**
ANTH 262	Culture and Environment (D)
AREC 240	**Intro. to Economics and the Environment**
AREC 250	**Elements of Agri. & Resource Economics**
CCJS 100	**Intro. to Criminal Justice**
CCJS 105	**Intro. to Criminology**
CPSP 123	**Issues in Environmental Studies**
CPSP 124	**Issues in International Studies**
CPSP 126	**Issues in Public Leadership**
ECON 105	Economics of Social Problems
ECON 200	**Principles of Micro-Economics (formerly as ECON 203)**
ECON 201	**Principles of Macro-Economics**
EDHD 230	**Human Dev. & Societal Institutions (D)**
GEOG 100	**Introduction to Geography**
GEOG 130	Developing Countries (D)
GEOG 202	**The World in Cultural Perspective**
GVPT 100	**Principles of Government and Politics**
GVPT 170	**American Government**
GVPT 200	**International Political Relations**
GVPT 250	Intro. to International Negotiation (D)
HESP 120	**Introduction to Linguistics**
HONR 169Z	Knowledge and Its Human Consequences (This course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 248C	Changing Worlds: Economic, Political, and Social Devel. in Former Soviet Bloc
HONR 248H	**Deviance and Disability in Context**
HONR 248J	Religion and Culture
HONR 248L	Conflict, Cooperation, and Strategy
HONR 248M	The Idea of City Planning
HONR 248N	Religion in America
HONR 248Q	Responsibility & Irresponsibility and the News Media
HONR 248S	The Death Penalty in America
HONR 248U	World-wide Implications of Infectious Diseases

30 CORE

CORE Behavioral & Social Science: (SB)cont'd

HONR 248X	Applied Behavior Analysis
HONR 249C	Economic Development, Population, and the Environment
HONR 249E	Perception and Knowledge
HONR 249F	The Changing City
HONR 249I	**The Examined Life**
HONR 249J	**Economics and the Environment**
HONR 249K	Leadership and Teamwork
HONR 249M	Cognitive Development and Learning
HONR 249P	Human Societies
HONR 249Q	The Cultural Origins of Modern Individualism
HONR 249R	Global Environmental Change
HONR 249T	Psyc. of Work in Film (also as PSYC 109D)
HONR 249Y	Social and Political Movements
HONR 249Z	Constitutional Faith
HONR 258Y	Economic Well-Being
HONR 268P	**Drugs and American Society**
HONR 269T	Understanding Nationalism: State Building and the Politics of Identity
HONR 278W	**Mind and Brain: At the Interface of Neural Systems and Cognition**
JOUR 100	**Intro. to Mass Communication**
LING 200	**Intro. Linguistics**
PHIL 280	**Intro. to Cognitive Science**
PSYC 100	**Intro. to Psychology**
PSYC 109D	Psyc. of Work in Film (also as HONR 249T)
SOCY 100	**Intro. to Sociology**
SOCY 105	**Intro. to Contemp. Social Problems**
SOCY 227	**Intro. to the Study of Deviance**
URSP 100	**Intro. to Urban Studies and Planning**
WMST 200	**Intro. to Women's Studies: Women & Society (D)**

CORE ADVANCED STUDIES - *2 courses (6 credits,*

Effective August 1994:

1. Students completing double majors or double degrees will have fulfilled the campus Advanced Studies requirement, unless their primary major or college has additional requirements.
2. **All CORE and USP students are now under the same two-course Advanced Studies requirement.**
3. The old Advanced Studies categories and lists are gone (except for the CORE Capstone list). Advanced Studies courses may now be selected from a much broader range of course offerings.
4. You must successfully complete at least two upper-level (300-400 level) courses (six credits) **outside** your major and after **56** credits.
5. You may substitute a CORE-approved Capstone course (taken **within** the major after 86 credits) or a senior or honors thesis for **one** of the two required courses (three credits).
6. Courses may **not** be taken on a pass-fail basis.
7. **The following may NOT be used to fulfill Advanced Studies requirements:** Professional Writing courses (courses that meet the CORE and USP Fundamental Studies upper-level writing requirement); courses used to meet Distributive Studies requirements; internships, practica, or other experiential-learning type of courses. If you have questions about the new requirements, please call the Office of Undergraduate Studies at 405-9359.

For help planning and choosing your advanced studies courses, visit CORE Online at: http://www.inform.umd.edu/GenEd

CORE Capstone (CORE CODE: CS)

CORE Capstone is an additional option under Advanced Studies for **both** CORE and USP students. You may substitute a CORE-approved Capstone course (taken within your major after 86 credits) or a senior or honors thesis for one of the two required Advanced Studies courses (three credits).

ANSC 420	Animal Production Systems
BCHM 399	Undergraduate Research in Biochemistry (must be taken for at least 3 credits)
BCHM 465	**Biochemistry III**
BMGT 457	**Marketing Policies and Strategies**
BMGT 495	**Business Policies**
CHEM 399	**Intro. to Chemical Research (MUST BE TAKEN FOR AT LEAST 3 CREDITS)**
CHEM 491	Advanced Organic Chemistry Laboratory
CHEM 492	**Advanced Inorganic Chemistry Lab.**
CMSC 412	**Operating Systems**
CMSC 424	**Database Design**
CMSC 435	**Software Engineering**
DANC 485	Seminar in Dance
ENAE 482	Aeronautical Systems Design
ENAE 484	Space Systems Design
ENBE 486	**Capstone Design II (Please note that both ENBE 485 and ENBE 486 must be completed in order to satisfy CORE Capstone requirements.)**
ENCE 466	**Design of Civil Engineering Systems**
ENCH 446	Process Engineering Economics and Design II
ENME 404	Mechanical Engineering Systems Design
ENME 472	**Integrated Product and Process Development II**
GEOL 394	**Research Problems in Geology**
HIST 309_	**Proseminar in Historical Writing**
HIST 396	Honor's Colloquium II
KNES 497	**Independent Studies Seminar**
LARC 471	Project in Landscape Architecture II
MICB 480	Microbial Ecology
NFSC 422	Food Product Research & Development
NFSC 491	Issues and Problems in Dietetics
NFSC 495	Nutrition Research
NRMT 470	**Natural Resources Management**
PHYS 428	Physics Capstone Research
ZOOL 413	Biophysics

CORE HUMAN CULTURAL DIVERSITY - *1 course*

1. Students must earn credit for one Diversity course from the following list and may do so **at any time** before graduation. Generally, upper level (300 or higher) Diversity courses should not be attempted before earning 56 credits (junior standing). Lower and upper level courses are listed separately below.
2. In the following CORE Diversity list, courses noted "*" also meet CORE Distributive Studies requirements. Diversity courses that are also approved for CORE Distributive Studies may be double counted.

CORE Diversity Courses Recommended for Freshmen and Sophomores: (CORE CODE: D)

AASP 100	**Intro. to Afro-American Studies***
AASP 109P	Urban Black America: Politics and Protest*
AASP 202	**Black Culture in the United States***
AASP 298A	African Civ. since 1800* (also as HIST 123)
AASP 298B	Black and Asian Relations
AASP 298C	Pre-Colonial African Civ.* (also as HIST 122)
AMST 207	**Contemporary American Culture***
AMST 212	Diversity in American Culture
AMST 298C	**Asian American Experience (also as HONR 218G)**
ANTH 220	Introduction to Biological Anthropology*
ANTH 240	**Introduction to Archaeology***
ANTH 260	**Intro. to Sociocultural Anthro. & Linguistics***
ANTH 262	Culture and Environment*
ARCH 223	History of Non-Western Architecture*
ARTH 250	Art and Archaeology of Ancient America
ARTH 275	**Art of Africa***
ARTH 290	**Art of Asia* (also as HONR 239M)**
CHIN 213	Chinese Poetry into English: An Intro.*
CMLT 291	International Perspectives on Lesbian and Gay Studies*
CMLT 235	**Intro. to Lit. of the African Diaspora* (also as ENGL 235)**
CMLT 270	**Global Lit. & Social Change***
CMLT 275	**World Lit. by Women* (also as WMST 275)**
CMLT 277	**Lit. of the Americas***
CMLT 280	**Film Art in a Global Society***
DANC 138	**Intro. to Ethnic Dance (2 credits)**
DANC 200	**Introduction to Dance***
EDHD 230	**Human Dev. and Societal Institutions***
ENGL 234	**Intro. to African-American Literature***
ENGL 235	**Intro. to Lit. of the African Diaspora* (also CMLT 235)**
ENGL 250	**Intro. to Lit. by Women* (also as WMST 255)**
FREN 241	Women Writers of French Expression in Transl'n* (also as WMST 241)
FREN 242	Black Writers of French Expression in Transl'n*
GEOG 130	Developing Countries*
GERM 281	Women in German Lit. & Society* (also as WMST 281)
GVPT 250	Intro. to International Negotiation* (formerly GVPT 288A)
HIST 120	**Islamic Civilization***
HIST 122	**African Civilizations to 1800* (also as AASP 298C)**
HIST 123	African Civilizations since 1800* (also as AASP 298A)
HIST 209A	Cross-Cultural Questions: Religious Fundamentalism in Twentieth Century United States and Middle East
HIST 210	**Women in America to 1880* (also as WMST 210)**
HIST 211	**Women in America since 1880* (also as WMST 211)**
HIST 212	Women in Western Europe, 1750 - Present* (also as WMST 212)
HIST 219C	US-East Asian Cultural Relations*
HIST 237	Russian Civilization*
HIST 250	**Latin-American History I***
HIST 251	Latin-American History II*
HIST 255	African-American History
HIST 281	Intro. to the Rabbinic Movement* (also as JWST 230)
HIST 282	**History of the Jewish People I* (also as JWST 234) (D)**
HIST 283	History of the Jewish People II*
HONR 218A	**In Search of Ancient Astronomies***
HONR 238R	Gender & Performance* (also as THET 195)
HONR 238X	Literature in a Global Society*
HONR 239C	The Creative Process in Dance*
HONR 239G	African Literature*
HONR 239I	**Buddhism: Personal and Social Transformations***
HONR 239L	Women of Africa/Diaspora*
HONR 239M	Art of Asia* (also as ARTH 290)
HONR 239N	The Black Experience in American Drama*
HONR 248D	International Perspectives in Education (also as EDUC 109)
HONR 248R	Critical Issues in the African-American Experience in the Americas*
HONR 249W	Corn Mothers and Captain Cook: Historical Anthropology of New World*
HONR 258A	**Untold Stories: Women Writers Reimagining the Western Tradition***
HONR 258F	**Gender & Space in Film: A Comparative View***
HONR 258J	Modern Jewish Experience through Literature* (also as JWST 171)
HONR 258W	**Exploring Homophobia: Demystifying Lesbian and Gay Issues**
HONR 259D	Understanding the Japanese through the Performing Arts*
HONR 268J	**Religion and Progress: Islamic Science, Politics, and Economics***
HONR 269I	Immigrant Voices*
HONR 269L	Hinduism: Karma, Dharma, Caste, Sects and Symbols*
HONR 269R	**Putting One's Body on the Line***
HONR 278D	**Women and Religion***
HONR 278P	**Case Studies in Biology and Culture***
JWST 171	Modern Jewish Experience through Literature* (also as HONR 258J)
JWST 230	Intro. to the Rabbinic Movement* (also as HIST 281)
JWST 234	**History of the Jewish People I* (also as HIST 282)**
JWST 235	History of the Jewish People II* (also as HIST 283)
KNES 240	**Exploring Cultural Diversity through Movement**
LASC 234	**Issues in Latin American Studies I (also as PORT 234 and SPAN 234)***
LING 210	Structure of American Sign Language*
MUSC 210	**The Impact of Music on Life***
MUSC 248A	**Musics of the World***
MUSC 248C	**World Popular Musics and Gender***
PORT 224	Brazilian Culture*
PORT 225	The Cultures of Portuguese-Speaking Africa
PORT 228A	**An Interdisciplinary Approach to the Amazon Ecosystem (also as SPAN 228A)***
PORT 234	**Issues in Latin American Studies I (also as LASC 234 and SPAN 234)***
PORT 235	Issues in Latin American Studies II*
RUSS 282	**Contemporary Russian Culture***
SOCY 241	**Inequality in American Society**
SPAN 222	Cultural Difference in Contemp. Latin American Culture*
SPAN 223	**U.S. Latino Culture***
SPAN 224	Violence & Resistance in the Americas*
SPAN 228A	**An Interdisciplinary Approach to the Amazon Ecosystem (also as PORT 228A)***
SPAN 234	**Issues in Latin American Studies I (also as LASC 234 and SPAN 234)***
SPAN 235	Issues in Latin American Studies II*
THET 195	Gender & Performance* (also as HONR 238R)
THET 293	Black Theatre and Performance I*
THET 294	Black Theatre and Performance II*
WMST 200	**Intro. to Women's Studies: Women & Society***
WMST 210	**Women in America to 1880* (also as HIST 210)**
WMST 211	Women in America since 1880* (also as HIST 211)
WMST 212	Women in Western Europe, 1750-Present* (also as HIST 212)
WMST 241	Women Writers of French Expression in Transl'n* (also as FREN 241)
WMST 250	**Intro. to Women's Studies: Women, Art, & Culture***
WMST 255	**Intro. to Lit. by Women* (also as ENGL 250)**
WMST 275	**World Lit. by Women* (also as CMLT 275)**
WMST 281	Women in German Lit. & Society (also as GERM 281)

CORE Diversity Courses Recommended for Juniors and Seniors: (CORE CODE: D)

AASP 312	**Social and Cultural Effects of Colonization and Racism**
AASP 441	Sci., Tech., and the Black Community
AASP 443	**Blacks and the Law**
AASP 499R	Race and Gender: Political Theory, Econ., the Law, and Popular Culture
AGNR 401	**Agricultural Support Systems in Developing Countries**
AGRO 303	International Crop Production
AGRO 440	**Crops, Soils, and Civilization**
AMST 418J	Cultural Themes in America: Women and Family in American Culture
AMST 418K	Cultural Themes in America: Race in America: Theory and Policy
ANTH 362	Diversity in Complex Societies
AREC 365	**World Hunger, Population, and Food Supplies**
AREC 445	Agri. Development in the Third World
ARTH 390	**Art of China**
ARTH 395	Art of Japan
ARTH 475	Ancient Art & Archaeology of Africa
ARTH 476	Living Art of Africa
ARTH 490	**Chinese Painting**
ARTH 495	Japanese Painting
ARTT 463	**Prin. & Theory: African-American Art**
CCJS 370	Race, Crime, and Criminal Justice
CCJS 498A	Special Topics in Criminology and Criminal Justice: Women and Crime
CHIN 313	**Chinese Poetry and Prose in Transl'n**
CHIN 315	Modern Chinese Literature in Transl'n
CLAS 320	Women in Classical Antiquity (also as WMST 320)
EALL 300	**The Languages of East Asia**
ECON 375	**Econ. of Poverty and Discrimination**
EDCP 420	**Education and Racism**
ENGL 348_	**Literary Works by Women: (Topic will vary) (also as WMST 348_)**
ENGL 360	**African, Indian, and Caribbean Writers**
ENGL 362	**Caribbean Literature in English**
ENGL 368_	Special Topics in the Lit. of Africa and the African Diaspora (Topic will vary)
ENTM 303	**International Pesticide Problems and Solutions**
FMST 381	**Poverty, Affluence, and Families**
FMST 430	Gender Issues in Families (also as WMST 430)
FREN 482	Gender & Ethnicity in Modern French Literature
FREN 485	Ideologies and Relations Between the Sexes in French Literature
FREN 499B	Literature of Francophone
GEOG 323	**Latin America**
GEOG 326	Africa
GEOG 416	Overseas European Colonization and the Third World
GERM 349M	Germanic Lit. in Transl'n: Masterworks of Yiddish Literature (also as JWST 375)
GVPT 447	Islamic Political Philosophy
GVPT 471	Women and Politics
HIST 314A	Crisis & Change in the Middle East & Africa: Nationalism & Nation-Building in the Middle East
HIST 316A	**Crisis and Change in Latin America: Slavery & Race Relations in Latin America**
HIST 461	**Blacks in American Life: 1865 to Present**
HIST 473	**History of the Caribbean**
HIST 474	History of Mexico and Central America I
HIST 475	History of Mexico and Central America II
HIST 491	**History of the Ottoman Empire**
HIST 493	Victorian Woman in England, France and the United States (formerly HIST 458A)
HIST 494	Women in Africa
HIST 495	Women in Medieval Culture and Society (formerly HIST 458C)
HIST 496	Africa Since Independence
HLTH 471	**Women's Health (also as WMST 471)**
HONR 348D	Women in the Military (also as SOCY 498C)
HONR 348F	Women and the Media
HONR 378V	Gender and Scientific Knowledge
JOUR 452	**Women in the Media (also as WMST452)**
JOUR 453	**News Coverage of Racial Issues**
JWST 375	Germanic Lit. in Transl'n: Masterworks of Yiddish Literature (also as GERM 349M)
KNES 492	History of the American Sportswoman in Amer. Organizations (also as WMST 492)
MUSC 320	Epic as Song and Saga: Cross-Cultural Perspectives
MUSC 432	Music in World Cultures I
MUSC 433	Music in World Cultures II
PHIL 407	Gay & Lesbian Philosophy (formerly PHIL 408I)
PORT 322	Survey of African Lit. of Portuguese Expression (in Portuguese)
PORT 378_	Brazilian Cinema (Topic will vary)
PORT 476	Africa in Brazil
PORT 478C	Women as Authors and Characters in Brazilian Literature (D)
PSYC 354	Cross-Cultural Psychology
SOCY 325	**Sociology of Gender (also as WMST 325)**
SOCY 498C	Women in the Military (also as HONR 348D)
SPCH 324	**Communication and Gender**
SPCH 360	The Rhetoric of Black America
SPCH 469A	Discourse of Social Movements: Civil Rights
SPCH 469B	Rhetoric of the Abolitionist and Suffrage Movement
SPCH 482	**Intercultural Communication**
THET 390	Clothing and Culture
THET 496	African American Woman Filmmakers (also as WMST 496)
THET 497	Non-Traditional Theatre
URSP 372	**Diversity and The City**
URSP 465	Comparative Urban Life and Change
WMST 313	Women & Science (also as ZOOL 313)
WMST 320	Women in Classical Antiquity (also as CLAS 320)
WMST 325	**Sociology of Gender (also as SOCY 325)**
WMST 348_	**Literary Works by Women (Topic will vary) (also as ENGL 348_)**
WMST 430	Gender Issues in Families (also as FMST 430)
WMST 452	Women in the Media (also as JOUR 452)
WMST 471	**Women's Health (also as HLTH 471)**
WMST 492	History of the Amer. Sportswoman in Amer. Organizations (also as KNES 492)
WMST 496	African American Woman Filmmakers (also as THET 496)
ZOOL 313	Women & Science (also as WMST 313)

FOR FALL 1998 ONLY

The following CORE courses are approved for Fall 1998 only in the CORE categories noted.

ARHU 298H	**Gender & Space in Film: A Comparative View (HA/D) (also as GERM 298H and HONR 258F)**
CPSP 227	**College Park Scholars Capstone: Science, Technology, and Society (SB)**
ENGL 278E	**Introduction to Multi-Ethnic Literatures (HL/D)**
GERM 298H	**Gender & Space in Film: A Comparative View (HA/D) (also as ARHU 298H and HONR 258F)**
HONR 258F	**Gender & Space in Film: A Comparative View (HA/D) (also as ARHU 298H and GERM 298H)**
HONR 279T	**The Artist as Hero: Forging a New Artistic Identity in 18th Century England (HA)**
HONR 279U	**Introduction to Classical Indian Literature: Epic, Drama, and Short Story (HL/D)**
HONR 279V	**Imagining God: Theological Exploration in Modern Writing (HO)**
HONR 279W	**The Solar System (PS)**
HONR 279X	**Supercomputer or Window on the Soul?: Concepts of the Brain (HO)**
HONR 279Y	**The Queen of the Sciences Gets Her Hands Dirty: Mathematics and the Real World (MS)**
HONR 279Z	**Variations on the Odyssey (HL)**
HONR 288A	**Black Women and the Public Eye (HO/D)**
HONR 288B	**Norms and Values n the Human Sciences (HO)**
HONR 288C	**Faith and Doubt in English Literature (HL)**
HONR 288D	**Evil East and West (HO)**
HONR 288E	**Introduction to African-American Literature (HL/D)**
HONR 288F	**English Literature from Beginnings to 1800 (HL)**
HONR 288G	**Democracy, Intervention, and Culture in the Americas (HO)**
HONR 288I	**L'Enfant and Later: Washington City as a Work of Art (HA)**
HONR 288J	**Aristocracy, Plebians, & the Bourgeoisie in Britain c. 1700 to Present (SH)**
HONR 288K	**Let's Talk About Race: The Social Construction of Racial and Ethnic Minorities in the U.S. (SB/D)**
HONR 288L	**Medical Devices: Applied Ethics and Public Policy (HO)**
HONR288M	**Introduction to Philosophy (also as PHIL 100H) (HO)**
HONR 288O	**Brian Imaging of Language & Thinking (LS)**
HONR 288P	**Computing: Separating Hope from Hype (HO)**
PHIL 209H	**Norms and Values in the Human Sciences (HO)**
WMST 498I	**Advanced Special Topics in Women's Studies: Communication and Gender (D)**

WHAT'S NEW...31

Agriculture and Natural Resources

AGRI 401- AGRICULTURAL SUPPORT SYSTEMS IN DEVELOPING COUNTRIES. Global forces are profoundly affecting agriculture, agricultural development, and the support systems that advance agriculture and its development. National and international agencies and organizations are being affected, as are the systems of agricultural education, extension and research. AGRI 401 examines (1) the global forces that are bringing about contemporary changes in agricultural support systems, (2) the impact of these forces on the priorities and programs of international agencies and other institutional systems fostering agricultural development, and (3) the consequences and implications of these forces for agricultural schools, educational extension outreach, and agrotechnology research systems in developing countries. The course will also expose students to career possibilities in the international arena and in the institutional and programmatic areas of agricultural education, human resource development, extension and research.

Comparative Literature Program

CMLT 679B REMEMBERING THE AMERICAS This seminar is an introduction and sample approach to the emerging Literatures of the Americas field of study. We will read recent historiographic fiction, film, photography, and critical theory from varying parts of the Americas (Mexico, USA, Guadeloupe, Canada, and El Salvador) and from several languages (Spanglish, Spanish, French, English). We will analyze these texts in order to investigate the following question: What does historiographic fiction have to do with arguments about late-twentieth century global economic restructuring and its effects on the political configurations of the "Western" hemisphere? We will also examine to what degree the emergence of a Literatures of the Americas field in the U.S. academy is yet another form of U.S. empire-building. Readings may include works by Coco Fusco and Guillermo Gomez-Pefia, Robert Altman, Carmen Boullosa, T.C. Boyle, Margaret Atwood, Francine Prose, Maryse Conde, Leslie Marmon Silko, Nestor Canclini, Amy Kaplan, Michel de Certeau, Arif Dirlik, Ernesto Laclau and Chantal Mouffe, John Beverley and Jose Oviedo. Seminar Participants are required to write weekly letters to the class, give one class presentation, submit an abstract, and complete a 20-25 page research paper.

CMLT 679C/ENGL 738A LORD BYRON AND FAMILY: AN HISTORICAL OVERVIEW. The story of Byron and his family is one of domestic violence and an astounding, even for today, level of brutality. In the course we will trace the background of why Byron decided to leave England, and why the former Anne Isabella Milbanke managed to obtain custody of their daughter Ada. We will closely examine the accomplishments of Lady Byron as she fought the powerful Lord Byron and we will look closely at the achievements of Ada, later Countess Loveless, as she largely self-taught herself mathematics and emerges as a person now acknowledged (by the Pentagon, no less) as arguably the world's first computer programmer in the first half of the 19th century.

Department of Classics

LATN120- INTENSIVE LATIN (4 credits). An accelerated study of basic Latin grammar, development of reading facility, and introduction to Roman life and culture in the classical period. Covers the material presented in both Latin 101 and 102. Recommended for graduate students as well as for highly motivated undergraduates. Meets MWF, 10:00- 10:50 and F 9:00-9:50. Professor Hallett.

Department of French and Italian

FREN 429 - STUDIES IN FRENCH LITERATURE OF THE RENAISSANCE. New worlds, new perspectives (in French).

FREN 480 AFRO-CARRIBEAN CINEMA (taught in English)

FREN 489B - MASTERPIECES OF FRENCH FICTION (in French)

FREN 669- 20TH CENTURY FRANCOPHONE THOUGHT (French/English)

FREN 679- TRAGIC VISION IN THEATER

GEOG 498A/JWST 419G. GEOGRAPHY OF THE BIBLE. 3 credits. Taught by Dr. H. Brodsky. Meets Monday-Wednesday-Friday, 9:00-9:50 in 2208 Lefrak Hall.

FOLA (Critical Languages)

Directed Study of a Foreign Language

Languages offered by FOLA: **Hungarian, Dutch, Polish, Persian, Turkish, Hindi, Egyptian Arabic, Urdu, Tagalog, Modern Western Armenian, Vietnamese** (Listed under FOLA 138 - 159). The FOLA program enables qualified students to acquire **speaking** knowledge of certain languages not currently offered in regular course format.

Department of Geography

GEOG 498A/JWST 419G. GEOGRAPHY OF THE BIBLE. 3 credits. Taught by Dr. H. Brodsky. Meets Monday-Wednesday-Friday, 9:00-9:50 in 2208 Lefrak Hall.

Jewish Studies Program

JWST 281 - ELEMENTARY YIDDISH. The language of Rabbi Nackhman of Bratslav, Sholem, Aleichem, of IB Singer and perhaps your grandparents. Meets TuTh 9:30 - 10:45 a.m. Instructor - Dr. Miriam Isaacs. 3 credits.

JWST 419C - REGIONAL GEOGRAPHY: GEOGRAPHY OF THE BIBLE. Concepts used in modern regional geography can be applied to enlighten the meaning of biblical events such as the circuitions route of the Exodus desert journey. Analyze the statistics of an old census of population, and make a map of an ultimate vision of Utopia. No prerequisites required. Meets MWF 9:00 - 9:50 a.m. Instructor - Dr. H. Brodsky. 3 credits.

JWST 468 - READING THE HEBREW BIBLE. Learn about the Hebrew Bible and its most recent interpretations. Knowledge of biblical Hebrew is expected. The biblical text will be read in Hebrew, secondary readings in English. Must have completed two years of the Hebrew language. Meets TuTh 9:30 - 10:45 a.m. Instructor - Dr. Adele Berlin. 3 credits.

JWST493/WMST493 - JEWISH WOMEN IN INTERNATIONAL PERSPECTIVE. Using memoirs, essays, poetry, short stories, films, music and the visual arts, the course will interrogate what it means/ has meant to define one's self as a Jewish woman across lines of difference. Its focus will be on film, fiction and autobiography. The film lab will be included in the session. Tuesdays, 3:00-6:00 p.m. 3 credits. Professor E. Beck.

Department of Meteorology

METO 499A - METEOROLOGY FOR SCIENTISTS AND ENGINEERS. Here is a new course for students of science and engineering which focuses on how weather and climate really work. This 2-semester course will bring you quickly up to speed on the study of modern meteorology leading to a general understanding of how scientists observe, analyze, and predict weather and climate. Students will get a look at how the basic principles of physical science provide the formal framework for computational modeling of the complex atmosphere system. Students will have the opportunity to work on projects involving observations and data visualizations, remote sensing, or computation methods. Prerequisites PHYS 263 and MATH 241 (or equivalents).

METO 658A - SATELLITE APPLICATIONS FOR SURFACE CLIMATE. Prerequisites: MATH 240; MATH 241; PHYS 263; METO 400 or equivalent; or consent of instructor. This course deals with the theory and principles of remote sensing as applicable to earth observing satellites. Discussed will be current methods to interpret satellite observations into useful climate parameters. Emphasis will be placed on parameters that provide information about the climate close to the earth surface, and what can be inferred on regional to global scales. Examples are: surface temperature and reflectivity, radiation budgets, soil moisture, and vegetation cover.

Department of Music

MUSC248C - WORLD POPULAR MUSICS AND GENDER. This course focuses on the phenomena of world music as well as popular music in different cultures with an emphasis on cross-cultural comparison in such areas as politics, rebellion, music industry, etc. It analyzes these musics through the lens of gender study where appropriate; as it is often the gender dynamics, which are acted out during performance, that give insight of major issues within a peoples' culture. Different music genres such as rap, heavy metal, "women's music", reggae, etc. as well as types of African popular music and the phenomena of "world beat" are explored. CORE: HA DIVERSITY. Meets Wednesday 1:00-3:00 p.m. Discussion on Monday.

MUSC248A - MUSICS OF THE WORLD. A survey of six musical cultures of the world: Latin America, India, Japan, Indonesia, West Africa, and Eastern Europe. The discussion of each of the cultural areas will cover: the historical and cultural background; selected musical genre, their function, musical form, and instruments.
CORE: HA DIVERSITY. Meets Tuesday and Thursday 1:00 - 1:50 p.m. Discussions on Friday.

Department of Urban Studies and Planning

URSP 607 - HUMAN BEHAVIOR AND THE HUMAN ENVIRONMENT. Meets Wednesdays 4:00 - 6:30 p.m. The course deals with interrelationships between people and the physical settings in which they live and work. Settings are viewed in terms of their behavioral consequences. Theories, methods and applications in person-environment studies will be discussed and used to evaluate real settings in the community. Material is drawn from a number of disciplines including sociology, anthropology, psychology, planning and design. The course is open to graduate students from all disciplines. Dr. Sidney Brower.

URSP 662 - URBAN AND REGIONAL PLANNING IN DEVELOPING COUNTRIES. Meets Mondays 7:00 - 9:45 p.m. This multidisciplinary graduate seminar (seniors permitted with instructor's permission) explores urban life and planned change in Africa, Asia, the Caribbean and Latin America. The first section of the seminar is devoted to an exploration of major scholarly and other writings and films in the field (drawing upon anthropology, geography, sociology, urban planning and other disciplines). Among the topics are employment, housing, migration and sociocultural conflicts. In the second section, students' papers are presented and discussed. This course is open to graduate students from all disciplines. Dr. William Hanna.

Department of Natural Resource Sciences & Landscape Architecture

HORT 274 - PLANTS, GENES, AND BIODIVERSITY. The domestication and breeding of agronomic and horticultural plants has had an important role in the development of civilization over the ages. This course will cover the history, genetics, and reproductive mechanisms for these plants, and will examine mechanisms of genetic improvement ranging from traditional plant breeding to tissue culture and genetic engineering. Social and political issues such as germplasm preservation and international intellectual property rights will also be discussed. Prerequisites: BIOL 101 or 105 (or equivalent). Meets Tuesday/Thursday, 8:00 - 9:20 a.m. 3 credits.

Literatures and Cultures of the World in English Translation

Students at UMCP can study many of the world's literatures and cultures in English translation by taking the courses listed below. Many of these courses also fulfill CORE, Diversity, or Advanced Studies requirements. For further information see the individual course listings in designated departments:

ARHU 439	EUROPEAN BUSINESS CULTURES
CHIN 313	CHINESE POETRY AND PROSE IN TRANSLATION
CHIN 314	CHINESE FICTION AND DRAMA IN TRANSLATION
CLAS 270	GREEK LITERATURE IN TRANSLATION
CLAS 375	ANCIENT COMEDY
CMLT 235	INTRODUCTION TO THE LITERATURES OF THE AFRICAN DISASPORA
CMLT 270	GLOBAL LITERATURE AND SOCIAL CHANGE
CMLT 275	WORLD LITERATURE BY WOMEN
CMLT 277	LITERATURES OF THE AMERICAS
CMLT 498E	THE EUROPEAN NOVEL IN THE AGE OF EMPIRE
ENGL 201	WESTERN WORLD LITERATURE: HOMER TO THE RENAISSANCE
ENGL 202	WESTERN WORLD LITERATURE: RENAISSANCE TO THE PRESENT
FREN 480	AFRO-CARRIBEAN CINEMA
ITAL 471	ITALIAN CINEMA: A CULTURAL APPROACH
JAPN 317	BUDDHISM AND JAPANESE LITERATURE IN TRANSLATION
LASC 234	ISSUES IN LATIN AMERICAN STUDIES I
PORT 234	ISSUES IN LATIN AMERICAN STUDIES I
RUSS 221	MASTERWORKS OF RUSSIAN LITERATURE
RUSS 282	CONTEMPORARY RUSSIAN CULTURE
SPAN 234	ISSUES IN LATIN AMERICAN STUDIES I

Career Center

Address: 3121 Hornbake Library, South Wing
Temporary Spring 1999 location: 1st floor Holzafel Hall
Phone: 301-314-7225
Fax: 301-314-9114
e-mail: Career-center-help@umail.umd.edu
web: http://www.CareerCenter.umd.edu/

The Career Center helps students at all points in their academic careers with career goals and decisions. Career Center staff help to guide students to the answers for such questions as "How are my interests, skills and values related a major or a career field?" "How do I gain experience related to my major?" "What are some effective strategies for getting a job or selecting a graduate school?" Career Center programs and services are designed to be used effectively by students from freshmen year until the end of their stay at UM. Students who begin to plan their education and career early in their college experience will be in the best position to direct themselves toward meaningful and rewarding careers upon graduation.

Resources

Resource Room: Those entering the Career Center will first encounter its Resource Room, a multi-media collection of resources to help students and alumni learn about career planning and job search strategies. Resources include comprehensive reference material on self-assessment, career exploration, graduate/professional schools, job search skills such as resume writing and interviewing, and directories of employers. Students can receive career information and guidance through a variety of resources: Focus II, an interactive career planning computer program; job listings for part-time, internship, cooperative education, and full-time opportunities; computers with an internet connection technical assistance for TERP Online; and walk-in assistance from Career Center staff. *See Career Center Hours of Operation.*

Career Assistance: Career Center staff assists students in identifying careers and majors suited to their interests, values, and skills, developing skills for job search, graduate training, or career change. Walk-in assistance is available on a daily basis in the Resource Room; also available are individual appointments with professional staff.

Workshops: The Career Center offers valuable workshops and orientations that focus on every stage of the career and academic process. Subject matter includes choosing a major, interviewing, resume writing, career and job fair preparation, graduate school application, how to access TERP Online, and Internet job search. For detailed information on workshops, see the Career Center's web site or pick up a calendar of events at the Center.

Http://www.CareerCenter.umd.edu/: Students can visit the Center on-line to explore majors, identify potential employers, get tips on writing a resume and conducting a job search, find out about employers participating in on-campus interviewing and career/job fairs, review job listings, research organizations, access other job search sites, learn about graduate programs, and much more.

Publications:
The ***Career Planning Manual*** is a special guide for career planning, conducting a job search, and applying to graduate school. Contents include resume writing guides, successful interviewing techniques, and job search strategies. A preliminary list of employers participating in the On-Campus Interviewing program is featured.
SEC in Action! is a newsletter filled with timely and relevant career and employment information-- local and national-- for the campus community. Topics include trends by career field, employment outlook for graduating seniors, "real world" tips from employers and alumni, and valuable information for students in all stages of their career process. *Both publications are available to students free of charge.*

Employer-In-Residence: Through the Employer-In-Residence program students receive advice on resumes, cover letters, and interviewing concerns; and offers mock interviews with an option of videotaping review of the session. Employers represent organizations which typically use Career Center services for their employment needs. To participate, students must make an appointment through the Center.

Credentials Service: Every University of Maryland undergraduate and graduate student can establish a permanent, professional file which serves as a place to keep letters of recommendation and background information to support applications for employment and graduate/professional schools. ***NOTE: All senior Education majors are required to establish a credentials file.***

Student Employment Center (SEC)

Within the Career Center, the SEC seeks to enhance the employment experiences of UM students through a variety of services, programs, advocacy, and research. The SEC advocates an "earn and learn" philosophy by helping students to see the connection between their work experiences and classroom learning or academic major, while earning experience, money, and/or credit. The SEC provides "one-stop shopping" where students can look for:
- part-time jobs
- internships
- cooperative education (co-op) positions
- graduate assistantships
- full-time employment

Students interested in pre-professional work experiences should consider an internship or co-op. Interested students should view the Center's "Earn While You Learn"to learn about these positions and find out how to pursue academic credit. For specific requirements, see *Experiential Learning Course* below.

Through TERP (The Employment Registration Program) Online, students can access job listings and sign up for on-campus interviews from any computer with Internet access, 24 hours a day.

FEDERAL WORK STUDY STUDENTS NOTE: *Students eligible for Federal Work Study/ Community Service positions should contact the Office of Student Financial Aid at 301-314-8313.*

TERP (The Employment Registration Program) Online: For fast and comprehensive access to employment opportunities, the Career Center recommends that every student register for TERP Online. TERP Online provides students access to Job Listings, On-Campus Interviewing, and Resume Referral as well as updated information on career and job fairs. TERP Online students receive special e-mail bulletins on upcoming employer events related to their major. The system is easy to use, and is accessible through any computer with Internet access. For information or assistance, contact the Career Center or access http://www.CareerCenter.umd.edu/
NOTE: Students must re-register once a year in order to maintain active information in our database.

Job Listings: Current job listings--including part-time, internship, cooperative education, graduate assistantship, and full-time positions-- are accessible 24 hours a day via TERP Online and in the Resource Room during Career Center hours. Additional jobs are posted on the bulletin boards outside the Center. Students seeking short term part time jobs should consider our Quick Bucks e-mail service.

On-Campus Interviewing: On-Campus Interviewing offers students the opportunity to interview on campus with a variety of employers for part-time, internship, cooperative education or full-time positions. To participate in On-Campus Interviewing, students must register for TERP Online. *NOTE: On-Campus Interviewing is available to recent alumni for one semester after graduation.*

Resume Referral: This resume database allows students and alumni to present their qualifications to employers who are not interviewing on campus. Through posting a resume in the SEC's database, the student joins a pool of candidates accessible to employers requesting applicants with specific skills or backgrounds to fill their current job openings. Employers review the resumes and then contact qualified candidates to arrange office interviews or request additional information. Last year alone, the Career Center sent almost 50,000 student resumes to employers. To take advantage of Resume Referral, students must register for TERP Online.

ENGINEERING MAJORS NOTE: for part-time, internship, and cooperative education positions, contact the Engineering Co-op and Career Services office at 301-405-3863.
BUSINESS MAJORS NOTE: for part-time, internship, cooperative education, and full-time positions contact the Undergraduate Business Career Services office at 301-405-7103.

Academic Courses

EDCP 108D - College and Career Advancement: Career Planning and Decision-Making. Confused about choosing a major? This course helps students identify career interests, skills, and values and how they relate to UM majors. Recommended for Freshmen and Sophomores. 1 credit

EDCP 108J - College and Career Advancement: Job Search Strategies. This course is designed to help students learn special skills needed to be successful in today's job market. Topics include: networking, interviewing, resume writing, and planning for your career future. Junior or Senior standing required. 1 credit

Experiential Learning Courses:
Some internships are eligible for academic credit. In order to earn credit, students must contact the department in which they want to pursue credit to see what courses are available. Eligibility requirements will vary by department.

Special Events

Special events bring students and employer representatives together for information exchange and employment contact. Stay tuned on the following special event through the Center or its web site.

FALL
- Part-Time Job Fair
- Graduate & Professional School Fair Grad Day
- Graduate & Professional School Fair Law Day
- Career Series
- Career Fair (Internship, co-op, and full-time)
- International Student Job Fair
- Holiday Job Fair
- Teacher Recruitment Days

SPRING
- Multi-Ethnic Student Career & Job Fair
- Career Series
- National Student Employment Week
- Spring Job Fair (summer, internship, co-op, part-time and full-time)
- Maryland/Metropolitan Area Teacher Interviewing Consortium

Hours of Operation (Hours vary during the summer and semester breaks.)

	Resource Room	*Walk-in Assistance*	TERP Online Technical Assistance
Monday	**8:30am-4:30pm**	**11:00am-3:00pm**	**contact the Center for current times**
Tuesday	**8:30am-4:30pm**	**11:00am-3:00pm**	
Wednesday	**8:30am-7:30pm**	**11:00am-7:00pm**	
Thursday	**8:30am-4:30pm**	**11:00am-3:00pm**	
Friday	**8:30am-4:30pm**	**11:00am-3:00pm**	

Change of Address Procedure

Change in either mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar and the Office of the Registrar. Address Change Forms are available at the following places:

1. Testudo Web Site: www.testudo.umd.edu. Select Records and Registration
2. MARS Kiosks : Mitchell Building, Stamp Union, Ellicott Dining Hall, Van Munching Hall, 7:30am-11:00pm
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday
4. Office of the Bursar, Room 1115 or 1135, Lee Building, 8:30 a.m. to 4:30 p.m., Monday-Friday.
5.. Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.
All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Summa Cum Laude, Magna Cum Laude, and Cum Laude are the commencement honors for excellence in scholarship. Honors are awarded to students with a GPA equal to the highest two percent (Summa), the next highest three percent (Magna) and the following five percent (Cum Laude) of the GPA distribution used in the calculations for that semester. The GPA distribution shall be computed each semester from the GPAs of the three proceeding classes of the student's degree granting unit. To be eligible for this recognition, at least 60 semester hours must be earned at or transferred with a grade to College Park. No more than six credits taken pass/fail or satisfactory/fail shall count toward the 60 hour minimum. No student with an average less than 3.300 will be considered for a commencement honor. Because grades for a term generally are officially recorded after the term's graduation day, computation of the student's GPA will not include grades for courses taken during the student's final semester at University of Maryland, College Park. However, the hours taken during that semester will apply toward the 60-hour requirement.

The Counseling Center

Shoemaker Building, Phone 301-314-7651, Fax 301-314-9206
http://www.inform.umd.edu/CampusInfo/Departments/Counseling
Seeking help is a sign of strength! Many students encounter a variety of personal, social, career, and academic issues that call for assistance beyond advice provided by friends and family. Fortunately, the Counseling Center provides free and confidential counseling services to all UMCP students. To schedule an appointment call 301-314-7651 or stop by the Shoemaker Building. Walk-in counseling is available to minority students every day from 3 to 4 p.m.

Counseling Center Services

Personal/Social Counseling. You don't have to deal with your problems alone. In a warm and supportive environment, you can meet with a professional counselor to discuss any concern you may have related to your personal and social well-being. Among the topics many students discuss in counseling are self-esteem, stress, relationship issues, sex, family problems, and loneliness. You may see a counselor for individual counseling or join one of the many counselor-led support groups. Call 301-314-7651

Career Counseling. A normal part of your development in college is identifying who

you are in relation to a future career. You can get help with this process in individual career counseling at the Counseling Center. Your exploration may include taking career interest tests and interpreting the results with a professional counselor or taking advantage of a computerized career information system. Whether you are choosing a major, establishing career goals, or considering job opportunities, it is important to understand how your personality, values, and interests relate to your future professional life. Career counseling at the Counseling Center is a good place to begin. Call 301-314-7651.

Academic Skills Counseling. Many students have academic skills that they would like to improve. If you're tired of struggling because of your own weak areas, schedule an appointment to see the Counseling Center's education specialists. They can help you enhance such skills as reading, writing, note-taking, learning science and math material, and learning statistics. Workshops cover a range of topics, including study skills, exam skills, time management, English conversation, end-of-semester survival skills, and completing your thesis or dissertation. Call 301-314-7693.

Workshops and Group Counseling. You can gain strength to deal with your concerns by getting together with other people who share similar problems, interests, and goals. Each semester, the Counseling Center offers weekly support groups addressing a variety of topics, such as career exploration, dissertation support, procrastination prevention, and stress management. Recent group offerings have included, "Caught in the Net," a support group for reducing dependency on e-mail and the Internet; "Circle of Sisters," a support group for black women; "Women, Food, and Obsession with Thinness," which addresses problems of body image and eating; and "Living with Illness," a group that assists people living with chronic illness. Call 301-314-7651.

Support for Students with Disabilities. The Counseling Center provides a range of services for students with disabilities, including help in locating interpreters for deaf or hard-of-hearing students; readers for visually-impaired students, blind students, and students with learning disabilities; and assistance with access to various buildings and facilities on campus. If you are a new or returning student, contact the Disability Support Services Office in the Counseling Center as soon as possible. Call 301-314-7682, voice and TTY.

Returning Students Program. If you are over 25 and returning to school after a break in your formal education, you probably have different needs than the traditional college student. The Returning Students Program is designed to help you with the transition to academic life. Workshops, counseling, and publications are available at the Counseling Center to make your adjustment to the university successful. Call 301-314-7693.

Testing Services. The Counseling Center administers tests for counseling purposes, such as career interest inventories, and also administers national standardized tests, such as the GRE, LSAT, MCAT, GMAT, and Miller Analogies. Call 301-314-7688.

Research Services. Group and individual consultation are available if you need assistance with research design and statistics and writing project proposals, theses, and dissertations. Call 301-314-7687.

Consultation and Evaluation for Parents and Children. Consultation, counseling and child testing are available to assist parents, single parents, and their children (ages 5-14). 301-Call 314-7673.

Counseling Center Hours

Counseling appointments (all students):

Monday-Thursday	8:30 a.m. to 9 p.m.
Friday	8:30 a.m. to 4:30 p.m.

Minority student walk-in counseling (no appointment needed):

Monday-Friday	3:00 to 4:00 p.m.

Credit by Examination for Undergraduates

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit. This option is not available, however, for courses in which the student has been registered beyond the end of the Schedule Adjustment Period, i.e., the first 10 days of classes.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Division of Letters & Sciences (L&S), Room 1117, Hornbake Library. See Wendy Japal, 301-314-9423. For more information, consult the undergraduate catalog.

Disclosure of Student Records (Buckley)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights of Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records.

(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent.

(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information includes but is not limited to:

Name	Participation in Officially Recognized Activities and Sports
Address	Weight and Height of Members of Athletic Teams
Telephone Listing	Dates of Attendance
Date and Place of Birth	Degrees and Awards Received
Photograph	Most Recent Previous Educational Institution Attended
Major Field of Study	e-mail address

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter, Mitchell Building, and return the completed form to the Registrations Counter. **To limit disclosure of Directory information and printing of information in the student directory requests must be made within 3 weeks from the first day of the semester in which the student begins each school year.** Such requests must be filed annually within the above allotted time.

Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Education, 600 Independence Avenue, S.W., Washington, D.C. 20202-4605.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

Drug and Alcohol Abuse Policy

The illegal or abusive use of drugs or alcohol by members of the campus community jeopardizes the safety of the individual and the campus community, and is inimicable to the academic learning process. The University of Maryland is therefore committed to having a campus that is free of the illegal or abusive use of drugs and alcohol. In keeping with this commitment, it is the policy of the University that the illegal or abusive use of drugs or alcohol is prohibited on University property or as part of University activities. This POLICY is to notify students of prohibited conduct and disciplinary actions which may result from violation of University policy.

Prohibited Conduct: Drugs

The *Code of Student Conduct* prohibits, on University premises or at University sponsored activities, the

1) unauthorized distribution; 2) possession for purposes of distribution 3) use; or 4) possession of any controlled substance or illegal drugs.

"Controlled substance" and "illegal drugs" prohibited under the Code are set forth in Schedules I through V in Article 27, part 279 of the Annotated Code of Maryland.

Prohibited Conduct: Alcohol

The *Code of Student Conduct* prohibits the violation of published University regulations or policies regarding the possession, use or distribution of alcoholic beverages, as approved and compiled by the Vice-President for Student Affairs. These policies, generally described below and subject to amendment from time to time, are available for public inspection during normal business hours in the Judicial Programs Office.

The Resident Life Alcohol Policy controls the use, possession or distribution of alcohol in campus residence halls. This policy prohibits the possession or use of alcohol by any student under the age of 21 or the furnishing of alcohol to a person known to be under the age 21. It prohibits common containers (such as a keg or punchbowl) the sale of alcohol, and parties involving alcohol. Students of legal drinking age may consume alcohol in their rooms, suites or apartments only.

The Office of Campus Program Alcohol Policy controls the use, possession, or distribution of alcohol by students on University premises or at University sponsored activities. This policy prohibits the possession or use of alcohol by any student under the age of 21 or furnishing of alcohol to a person known to be under the age of 21. Alcoholic beverages otherwise may not be possessed, consumed or distributed at University sponsored events occurring on University premises unless advance written approval has been obtained from the Office of Campus Programs. In addition, the University Policy on Possession or Use of Common Containers of Alcohol prohibits the possession or use of kegs, beer balls, punch bowls, and other common containers of alcoholic beverages or a similar nature on University property, except for possession and use resulting from licensed purchase by the University's Department of Dining Services.

Disciplinary Sanctions Sanctions for violations of University drug and alcohol policies include expulsion, suspension, disciplinary probation, disciplinary reprimand, restitution, dismissal from University housing, housing probation, work or research projects, and restrictions on further use of University facilities. **The standard penalty for first time possession or use of illegal drugs is a one year suspension. The standard penalty for distribution of illegal drugs is expulsion.** Students may be accountable to both civil authorities and the University for acts which constitute violations of law and University policy. Disciplinary action at the University will normally proceed during the pendency of criminal proceedings and will not be subject to challenge on the grounds that criminal charges involving the same incident have been dismissed or reduced.

Emergency Weather Conditions

When there are severe weather conditions, you should listen to the radio or watch TV to find out whether the university has decided to close. The following are the TV channels and radio stations the university contacts when there is an announcement to **CLOSE** the university because of a severe weather emergency. **NO TV OR RADIO ANNOUNCEMENTS ARE MADE WHEN THE UNIVERSITY REMAINS OPEN. However, a message will be placed on the campus information line (405-1000) by 6:00 am to announce that the campus is open, or that normal operation has resumed following a closing for emergency weather conditions.**

Radio Station	Frequency	Location	TV Station	Channel	Location
WMZQ	1390AM/98.7 FM	D.C. Area	WJLA	7	D.C. Area
WAVA	105.1 FM	D.C. Area	WRC	4	D.C. Area
WASH	97.1 FM	D.C. Area	WUSA	9	D.C. Area
WTOP	1500 AM	D.C. Area	WTTG	5	D.C. Area
WRC	980AM	D.C. Area	WJZ	13	Baltimore Area
WMAL	630 AM	D.C. Area	WMAR	2	Baltimore Area
WGAY	99.5 FM	D.C. Area	WBAL	11	Baltimore Area
WARW	94.7 FM	D.C. Area	Newschannel	8	D.C. Area Cable
WETA	91 FM	D.C. Area			
WPGC	1580 AM/95.5 FM	D.C. Area			
WRQX	107.3 FM	D.C. Area			
WLIF	102 FM	Baltimore Area			
WBAL	1090 AM	Baltimore Area			
WCAO	600 AM	Baltimore Area			
WPOC	93.1 FM	Baltimore Area			

CAMPUS INFORMATION: 301-405-1000

As soon as a decision is made, the Office of University Relations calls all of the media listed above. Although the university tries to insure that its message is used, it cannot control announcements presented on the radio or TV.

English Editing for International Graduate Students

The English Editing for International Graduate Students (EEIGS) program, operating under the aegis of the University of Maryland Office for Graduate Studies & Research, offers editing services to international graduate students who must present their required seminar papers, theses, dissertations, etc. in English. This program is staffed by volunteers from the university's Retired Volunteer Corps and Golden ID group, and by volunteers from other university and non-university sources. These services are free.

The EEIGS program operates as follows:

1. Names and telephone numbers of volunteer editors on whom the student may call may be obtained by calling Ms. Pettis, the program coordinator, at (301) 434-6944.
2. The student can contact a volunteer editor to arrange for the editing services. If an arrangement does not work out satisfactorily, either the student or the volunteer editor may discontinue the service. The student may then seek another volunteer editor.
3. The student should allow a reasonable amount of time for the editing services. Long documents will not be edited on very short notice.
4. Editing services are expected to take place on the University of Maryland campus. The student is responsible for finding working space (for example, an empty classroom or office in the department in which he/she is majoring.)
5. The student is expected to inform the Director of Graduate Studies of the Department in which he/she is majoring about the aid being received through this program.

There are also graduate students and others on the University of Maryland campus who offer English language editing services for a fee. Graduate students in the Department of English who will do editing for a fee can be contacted through the Director of Graduate Studies. Department of English, 0125 Taliaferro Hall, 301-405-3785.

The Student Employment Center of Resident Life

The Student Employment Center is a free, centralized service for students seeking on-campus employment within the Department of Resident Life. The SEC maintains jobs descriptions of all the student positions for which the Department hires. Hourly paid positions include, but are not limited to, Desk Receptionist, Community Assistant, Clerical Assistant, and Information Assistant.

Positions are available for both residents and non-residents. They may be standard paid, work-study if a student has such funds designated from Financial Aid, and workship. In the case of workship positions, a portion of the housing costs are remitted in exchange for specified work hours completed by the end of the term.

Recruitment and interviewing for Resident Assistants, leaders who serve 40 - 60 students in floors, suites, or apartments, occurs once each year, with applications available mid-September and a deadline for returning them set for the first week of October. Decisions regarding candidates take place throughout the fall, with hired and alternate candidates taking a class in the spring semester to prepare for the position.

Information regarding Graduate Assistantships with the Department of Resident Life is maintained through this office, as well. Persons who are interested in Assistantships may call the SEC and leave a name, mailing address and phone number, along with the anticipated program and semester of initial study. Information is sent out in mid-December for the following academic year, and applications are generally due around February 15.

The Student Employment Center is located in Room 0102 Cecil Hall. Applications for hourly paid positions may be obtained daily from 8:30 am to 4:30 pm Monday through Friday. In order to meet with a staff member, to ask for more specific information, or to determine the staffed office hours, please call 301-314-5111.

34 GENERAL

University Health Center (UHC)

The University Health Center (UHC) located on Campus Drive, across from the Stamp Union is a nationally accredited health care facility. The services provided by the UHC include: urgent care for serious illness and injury, primary care for illness and injury, dental clinic, men's and women's reproductive health, anonymous HIV/AIDS testing, allergy clinic, asthma management and education clinic, sports medicine, physical therapy (located in the HHP Building), accupuncture, massage therapy, nutrition education, mental health clinic, travel clinic, substance abuse counseling, social services, laboratory, radiology (x-ray) pharmacy and a faculty/staff assistance program. Individual and group health education programs are available on topics such as sexual health and contraception, sexual assault, stress management, substance abuse, dental health, eating disorders, depression and suicide. The UHC is open Monday through Friday from 8:00 a.m. until 10:00 p.m., and Saturday and Sunday from 9:00 a.m. until 5:00 p.m., with varied hours during the summer, semester breaks and holidays. Students can be seen on a walk-in basis during all hours of operation or by appointment during the hours of 9:00 a.m. and 5:00 p.m. on weekdays. Appointments are strongly encouraged whenever possible to reduce your waiting time. Every currently registered student is eligible to use the UHC. Effective 9/2/97, there will be a $10 copayment for visits with most of our providers. There are additional fees for procedures such as x-rays, laboratory tests, immunizations, dental care, allergy injections, casts, physical therapy, massage, some health education programs, and medications and/or supplies dispensed through the pharmacy and/or medical units. These charges are posted to the student's account at the Bursar's Office, or paid at the Health Center Pharmacy (Charges paid for at the Health Center Pharmacy will not appear on the student account).

We are not a participating provider with any insurance company except for the University sponsored health plan. We will provide students with a coded bill which can be submitted to his/her insurance company for reimbursable services. Students are advised to check with their insurance company to see whether or not they cover such services. MAMSI Life and Health Insurance Co. Provides a group health insurance policy to University of Maryland, College Park students. Students are eligible to enroll at the beginning of the Fall semester, Spring semester, or Summer Session I.

All students' medical records are strictly confidential and may only be released by the student's consent or through a court ordered subpoena.

UHC Phone Numbers:

Information	314-8180	Substance Abuse Program	314-8128
Appointments	314-8184	Sexual Assault and Abuse Hotline	314-2222
Mental Health	314-8106	Student Health Advisory Committee	314-8101
Pharmacy	314-8186	Health Education	314-8128
Women's Health	314-8190	Health Insurance	314-8165
Dental Health	314-8178	Therapeutic Massage	314-8128
		Faculty / Staff Assistance Program	314-8170

Housing Service, Off-Campus

The Office of Commuter Affairs provides a free listing and referral service for students, faculty and staff who are seeking housing or have a property to rent. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m.and Wednesday evenings until 8:00 p.m., 301-314-3645. Listings also on web site http://www.inform.umd.edu/OCA.

Human Relations Code

THE UNIVERSITY'S HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE CAMPUS COMMUNITY ON THE BASIS OF:

- race
- personal appearance
- color
- national origin
- age
- political affiliation
- creed
- sexual orientation
- marital status
- mental or physical disability
- sex
- The exercise of the rights secured by the First Amendment of the United States Constitution. If you feel you have been subjected to any form of discrimination, you may file a complaint with the Office of Human Relations Programs, or with a member of the Equity Council:

Equity Council

Mr. L. Ray Gillian,
Office of the President,
405-5795
1111 Main Administration
lgillian@deans.umd.edu

Dr. Amel Anderson,
College of Life Sciences,
405-2085
1224 Symons Hall
aanders@deans.umd.edu

Dr. Cordell W. Black,
Office of Academic Affairs,
405- 7227
1127C Main Administration
cblack@vpaap.umd.edu

Dr. Gladys Brown, Director,
Office of Human
Relations Programs,
405-2838
1107 Hornbake Library
gbrown@umdacc.umd.edu

Ms. Roberta H. Coates, Staff
Ombuds Officer,
405-0805
3194 Taliaferro Hall
rcoates@umdacc.umd.edu

Dr. Colleen M. (Coke) Farmer,
College of Health &
Human Performance,
405-2475
2314 Health & Human
Performance Building
cf4@umail.umd.edu

Dr. Linda B. Gambrell,
College of Education,
405-3157
1117 Benjamin Building
lg3@umail.umd.edu

Dr. George Goldenbaum,
College of Computer,
Mathematical and Physical
Sciences,
405-2313
3417 A.V. Williams Building
ggoldenb@deans.umd.edu

Ms. Cynthia Hale,
College of Behavioral and
Social Sciences,
405-1684
2141 Tydings Hall
chale@bss2.umd.edu

Dr, Diana R. Jackson
Office of Continuing Education,
Summer & Special Programs,
405-6583
2103 Reckord Armory
djackson@deans.umd.edu

Dr. Wendy A. Jacobs,
College of Arts and Humanities,
405-2354
1103 Francis Scott Key Hall
wj1@umail.umd.edu

Mr. Gene A. Johnson,
College of Agriculture,
405-1177
1326 Symons Hall
gj15@umail.umd.edu

Mr. Warren Kelley,
Office of Student Affairs,
405-5632
2108 Mitchell Building
wkelley@umdacc.umd.edu

Laura Keohane, Campus
Compliance Officer, Office of Human
Relations Programs,
405-2839
1107 Hornbake Library
lkeohane@umdacc.umd.edu

Dr. Melvin R. Levin,
School of Architecture,
405-6797
1149 LeFrak Hall

Dr. Arnold M. Medvene,
Faculty Ombuds Officer,
314-7661
1131 Shoemaker Building
am28@umail.umd.edu

Mr. William L. Powers,
School of Public Affairs,
405-6336
2101 Van Munching Hall
bpowers@puafmail.umd.edu

Dr. Louiqa Raschid, College of Business
and Management,
405-2228
3415 Van Munching Hall
louiqa@umiacs.umd.edu

Dr. Horace L. Russell,
School of Engineering,
405-5284
1131 Engineering Classroom
Building
hruss@eng.umd.edu

Dr. Grieg M. Stewart,
College of Journalism,
405-3290
1118 Journalism Building
gstewart@jmail.umd.edu

Dr. Sylvia S. Stewart,
Office of Administrative Affairs,
405-1109
1132 Main Administration
sstewart@umdacc.umd.edu

Dr. Gerry B. Strumpf, Academic
Services,
314-8217
0219 Stamp Student Union
gstrumpf@umdacc.umd.edu

Dr. Claude E. Walston, College of
Library and Information Services,
405-2049
4117 Hornbake Library
cw6@umail.umd.edu

Ms. Patricia G. Wang, Office of
University Advancement,
405-7764
3124 Lee Building
pwang3@umdacc.umd.edu

Sexual Harassment

Sexual Harassment by University faculty, staff, and students is prohibited by the "UMCP Policy and Procedures on Sexual Harassment." This policy and procedures can be obtained by calling the Office of Human Relations Programs (OHRP) at 301-405-2838. Brochures and posters are available at the same number. The OHRP also provides training and education on sexual harassment and is willing to customize a program based upon audience needs. If you suspect you have been the target of sexually harassing behavior, or are accused of this type of discrimination, please call OHRP.

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

Students who registered early for the Fall 1998 semester will receive a new Registration Card along with their Class Schedule and Bill. This card will validate the Photo Identification Card. Both cards should be carried at all times. Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Identification Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $20.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Registrar's Office 301-314-8240.

International House at Dorchester Hall

Also called "I-House", this specialty house offers undergraduates an exciting living experience, rich in cultural diversity and friendship. About 60% of the residents are from the U.S. and about 40% are from 35 countries around the globe. Through the student-run I-House Council, students organize an array of activities and events to encourage intercultural understanding within I-House and across the campus. Please call the I-House Coordinator at 301-314-7742 for more information, or send e-mail to: iesadv@deans.umd.edu.

International Student Information

Students on Nonimmigrant (F-1 and J-1) status: Students with F-1 or J-1 status are responsible for following the regulations of the U.S. Immigration and Naturalization Service pertaining to their visa status. The regulations affect extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in immigration regulations.

Documents: Your passport must be kept valid at all times. If your I-20 or IAP-66 will soon expire you should apply for an extension at least 30 days prior to the program completion date on the document. **F-1 and J-1 students are required to carry adequate health insurance while attending the University.** There are new federal health insurance regulations for J-1 students and scholars, and their dependents. Students must either purchase the health insurance plan available in the Office of International Education Services, or show proof of comparable coverage. See Nancy West in the Health Center for assistance with insurance.

All Students on Immigrant and Non-Immigrant Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of the Registrar.

Course Available: *EDCP 108X: Academic Skills for International Students.* This one unit course orients students to the academic and social culture of an American university, with emphasis on successful class participation, effective use of campus resources (including library and research materials), and development of academic skills, particularly written and oral communication.

International Students Information and Questions: The Office of International Education Services, Room 3116A, Mitchell Building. Phone 301-314-7740. Email:iesadv@deans.umd.edu.

IESNEWS is a listserv (messages received on your electronic mail account) sponsored by the Office of International Education Services. Information distributed on IESNEWS is of interest to international students, scholars, and faculty at the University of Maryland. To receive messages from IESNEWS send a message to LISTSERV@UMDD.UMD.EDU. The message should say "SUBSCRIBE IESNEWS first name last name". No quotations marks. You should send the message from the email box (address) where you want to receive IESNEWS mail. If you need assistance, you can reach the list manager at iesnews@deans.umd.edu.

You can reach IES from UM's main homepage (http://www.umcp.umd.edu/) by selecting "international programs" or for direct access to the International Programs page use http://www.inform.umd.edu: /EdRes/Intl/.

Libraries at UM

The Libraries are in the midst of a multi-year effort to implement the reccomendations for improving services contained in the report "Undergraduate Library Services in the 21st Century." The Libraries have been moving services and collections from Hornbake Library to McKeldin Library in preparation for Hornbake's renovation to become a Special Collections/Archives and Nonprint Media facility. The renovation of Hornbake for special collections is necessary to free up space for the planned consolidation of collections and services in the McKeldin Library as envisioned by the report. The Libraries expect the reorganization and reengineering of services, collection, and facilities to work a positive transformation on the delivery of scholarly information in support of classroom learning and research of students and faculty. The practical implication of this effort will be some disturbance in library services. At each step of the process, the Libraries will keep the campus community informed of increemental changes.

Hornbake reference services and staff were moved to McKeldin last year and Hornbake reference materials have been merged with reference collections in McKeldin and the branch libraries. Current issues of periodicals as well as microforms are now in the McKeldin Periodical/Microforms room. Service to all these collections is being provided by the periodicals staff in the McKeldin Library. Reserve services will be consolidated and located in McKeldin Library by the beginning of the 1998 Fall term.

Art Library (Art-Sociology Building)
Architecture Library (Architecture Building)
Engineering and Physical Sciences Library (Mathematics Building)
Performing Arts Library (3rd floor, Hornbake Library)
White (Chemistry) Memorial Library (Chemistry Building)

All UMCP students, faculty, and staff may borrow from all UMCP Libraries and other campuses in the University of Maryland system.

Non-Discrimination Policy

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, or disability. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended, Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, The Americans with Disabilities Act or related legal requirements should be directed to:

Campus Compliance Officer
Office of Human Relations Programs
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742
301-405-2839

Participation by Students in Class Exercises that Involve Animals

Students who are concerned about the use of animals in teaching have the responsibilities to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available. If no alternatives are available, the refusal to participate in required activities involving animals may result in a failing grade in the course. Departments including courses where animals are used must actively inform students of such courses including, but not limited to, notices in the Catalog.

The University of Maryland, College Park campus, affirms the right of the faculty to determine course content and curriculum requirements. The University, however, also encourages faculty to consider offering alternatives to the use of animals in their courses. In each course, the instructor determines whether the use of animals in classroom exercises will be a course requirement or optional activity. The following departments currently have courses that may require animals to be used in class activities. Animal Sciences, Microbiology, Poultry Science, Psychology, Veterinary Medicine, Zoology, and courses with the NFSC prefix.

Shuttle-UM

Shuttle-UM, UMCP's transit system, is operated by University students and offers a variety of transportation services for all University students, faculty, and staff. Commuter service operates 5 days a week during the Fall and Spring semesters when classes are in session. Service to the College Park Metro is provided everyday the University is open. Buses travel between campus and nearby neighborhoods, apartment complexes, shopping centers, and Metrorail, Amtrak, and MARC train stations. Only a valid University ID is needed to board a Shuttle bus. Exceptions are made for the "College Park Metro" and "Park and Ride" routes - University guests are welcome on these routes without identification. Paratransit service is available on campus 5 days a week for people with temporary or permanent disabilities. Security service operates on campus 7 nights a week when classes are in session (including summer semesters). Shuttle buses are available for charter as well. Charter buses travel anywhere in Washington D.C., most of Maryland and parts of Northern Virginia. For more information on these services call Shuttle-UM, 314-2255, or stop by the Office of Commuter Affairs, 1195 Stamp Student Union, 301-314-5274. Information is also available under "Transportation" on the InforM network. You may access Shuttle UM's web page directly at http://www.inform.umd.edu/shuttle.

Smoking Policy

The University of Maryland College Park has found that a significant percentage of faculty, staff and students do not smoke, smoke is offensive to many non-smokers, it is harmful and even debilitating to some individuals due to their physical condition, and there is evidence suggesting that passive smoke inhalation is harmful to non-smokers. In response to the above considerations, it is hereby established as the policy of UMCP to achieve a public facility environment as close to smoke-free as practicably possible. Obtaining and maintaining this result will require the willingness, understanding, and patience of all members of the Campus community.

It is the policy of UMCP to follow all federal, state, or local laws regarding smoking. This Smoking Policy is in addition to any such policies which may be in effect.

Guideline: Smoking is prohibited in indoor locations.

Implementation: Unit heads or their designees are responsible for assuring that this policy is communicated to everyone within their jurisdiction and to all new members of the Campus community; implementing the policy and guideline and assuring that appropriate notice is provided. Developing guidelines to embrace all special circumstances in the campus is impossible. If unit heads find circumstances in their areas that they believe warrant exception from particular provisions in this Smoking Policy and Guidelines, they may address requests for specific local exceptions to the President or his or her designee.

Compliance: This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the Campus community to observe this Smoking Policy and Guideline. Complaints or concerns regarding this policy or disputes regarding its implementation should be referred to the immediate supervisor for resolution. If a resolution cannot be reached, the matter will be referred by the supervisor to the appropriate department head or vice president for mediation.

Review: The provisions and guidelines attached to this Smoking Policy shall be subject to future review and revision to ensure that the objective is obtained. Special attention shall be given to determining if voluntary compliance without disciplinary sanctions has proven satisfactory.

Residential Housing: This policy does not apply to privately occupied portions of University-owned residential space, such as dormitory rooms, apartments, and houses.

Social Security Number

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, Mitchell Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

Transcript Services

Unofficial Transcripts:

Unofficial transcripts are available for currently enrolled students at MARS Kiosks (Van Munching Hall, the Stamp Union, Ellicott Dining Hall, and the Mitchell Building), and under ***Student Services*** on the Testudo Home Page (http://www.testudo.umd.edu). Students can also review unofficial ADVISE copies which are available at college offices and on UMSTARS (see below for UMSTARS information)

Official Transcripts:

If record information is needed for other purposes, please request an official transcript. There is no charge, and for your convenience, there are four ways to request an official transcript:

1. Testudo - Interactive student services on the web. Students with PINs (personal identification numbers) can request official transcripts. Use Testudo - http://www. testudo.umd.edu and select *Records and Registration*

2. MARS Kiosks - Requests to have official transcripts mailed can be made at any of the four Kiosks on campus (Van Munching Hall, the Stamp Union, Ellicott Dining Hall, and the first floor of the Mitchell Building).

3. Written requests may be mailed or faxed to the Records Office. Please include your name or former name, social security number, and dates of attendance.

Student Services
Room 1101 Mitchell Building
University of Maryland
College Park, MD 20742
FAX: 301-314-9568

No need to come to campus!
Use www.testudo.umd.edu to request transcripts.

4. Come to the Office of the Registrar, first floor, Mitchell Building. Upon presentation of identification, students who were enrolled 1975 and after can receive their official transcript on the spot.

NOTE: Generally mail-in, faxed, Kiosk and Testudo requests are processed and mailed the following business day. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Registrar's Office, 301-314-8240, if you have any questions.

Transfer Credit Evaluation Center

The Transfer Credit Evaluation Center provides transfer credit information and assistance to transfer advisors and students. This service, a joint effort between the Offices of Undergraduate Admissions and the Office of the Registrar, is computerizing and consolidating the transfer credit process. Students and advisors work together to decide how courses fit into a student's individual program, while the Center provides information on course equivalencies, credit reports and articulation tables. If you have any questions about the Center please call 301-314-8385 or 314-8257.

Tutorial Services

Tutorial services are available to all eligibleUMCP students for most 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen graduate and undergraduate students. To request tutoring, go to the office of Academic Achievement Programs (AAP) Room 0112 Chemistry Building. You will be assigned a tutor at that time, or shortly thereafter. It is advisable to submit requests for tutoring early in the semester.

Students interested in becoming paid tutors should call 301-405-4749 or go to Room 0112 Chemistry Bldg. to pick up an application and to obtain further information.

Our office also maintains an extensive collection of past exams and quizzes for courses in chemistry, math, and various other subjects, which students may request, copy and return. To request past examination papers, go to Room 0112 Chemistry Bldg. You must present a valid University ID before receiving any past exam papers.

UMSTARS-University of Maryland Student Transactions, Audit and Records System

UMSTARS is a computer system which enables students to view personal and academic information. Information is updated every Sunday. Students can use UMSTARS to verify the accuracy of personal information, evaluate progress toward a degree, identify academic strengths and weaknesses, determine the extent to which UMCP CORE or USP requirements have been met, check the status of transfer credit equivalency requests, and examine billing history.

UMSTARS can easily be accessed at *aITs* (Academic Information Technology Services) WAM labs, any of the more than 800 computer workstations across campus, in college advising offices, or any modem equipped computer (including dial-up lines from home). Look for the UMSTARS menu option on campus computer lab menus, or dial "telnet umstars" from remote sites. If you need assistance connecting to the campus network call *aITs* at 405-1500. For questions about UMSTARS call the Helpline at 301-314-1600.

University Book Center

Stamp Student Union, lower level
Phone: 301 314 BOOK (2665)
Fax: 301-403-8326
Web: www.inform.umd.edu/ubc

The Book Center provides a convenient (on campus) selection of textbooks and general interest books, including literature, technical books, and best sellers. The store also offers a large selection of school and office supplies, computers, software, and a wide selection of imprinted clothing and related insignia items.

The Book Center's normal hours are Monday through Friday, 8:30 a.m. to 6:00 p.m., Saturday, 10:00 a.m. to 5:00 p.m., and most Sundays. The Book Center is also open additional hours at the start of each semester and for special events. Please call or check our web site for special hours.

The Book Center offers part-time positions to all full-time students currently registered at the College Park campus. Applications are accepted at all times and students may choose to apply to the store in general or to the store department of their choice. We have student employee positions in every department and our student staff members represent 75% of our total staff.

Positions are available as standard hourly paid, work-study if a student has such funds designated from Financial Aid, and workship to cover a portion of a student's on-campus housing or food costs.

Applications are available during store hours at the Customer Service desk in the front lobby of the store.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistance and enrollment certification at the Veterans Certification Office in the Registrar's Office on the 1st floor of the Mitchell Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services.

It is the responsibility of veterans and dependents receiving VA benefits to notify the Veterans Certification Office of every change of course program. The following types of changes must be reported: credit level or grading option change, change of major, change of address, graduation, academic dismissal or reinstatement actions, and intent to transfer from the College Park Campus. The University Veterans Office is required to notify the U.S. Veterans Administration Office of the above changes to prevent delays in receipt of benefits.

36 ACADEMIC INFO

COLLEGE ORGANIZATION CHART

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE-MARYLAND CAMPUS

DEPARTMENT OF
- AGRICULTURAL AND RESOURCE ECONOMICS
- ANIMAL AND AVIAN SCIENCES
- BIOLOGICAL RESOURCES ENGINEERING
- NATURAL RESOURCES SCIENCES AND LANDSCAPE ARCHITECTURE
- NUTRITION & FOOD SCIENCE

INSTITUTE OF APPLIED AGRICULTURE
PROGRAMS/CURRICULA
- AGRICULTURAL SCIENCES, GENERAL
- ENVIRONMENTAL SCIENCE AND POLICY
- NATURAL RESOURCES MANAGEMENT

SCHOOL OF ARCHITECTURE

ARCHITECTURE AND ENGINEERING PERFORMANCE INFORMATION CENTER
CENTER FOR ARCHITECTURAL DESIGN AND RESEARCH
PROGRAMS/CURRICULUM
- ARCHITECTURAL HISTORY
- DESIGN
- PRESERVATION
- TECHNOLOGY
- URBAN PLANNING

COLLEGE OF ARTS AND HUMANITIES

DEPARTMENT OF
- AMERICAN STUDIES
- ART
- ART HISTORY AND ARCHAEOLOGY
- CLASSICS
- DANCE
- ENGLISH
- FRENCH AND ITALIAN LANGUAGES AND LITERATURES
- GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
- HEBREW AND EAST ASIAN LANGUAGES AND LITERATURES
- HISTORY
- LINGUISTICS
- MUSIC
- PHILOSOPHY
- SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES
- SPEECH COMMUNICATION
- THEATRE
- WOMEN'S STUDIES

PROGRAMS
- COMPARATIVE LITERATURE
- EAST ASIAN STUDIES
- FOREIGN LANGUAGE (FOLA)
- JEWISH STUDIES
- ROMANCE LANGUAGES
- RUSSIAN AREA STUDIES

CENTERS
- ART GALLERY
- NINETEENTH CENTURY MUSIC
- RENAISSANCE AND BAROQUE STUDIES

LANGUAGE CENTER
- LANGUAGE HOUSE
- LANGUAGE MEDIA CENTER
- MARYLAND ENGLISH INSTITUTE

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

PROGRAMS / DEPARTMENTS:
- AFRO-AMERICAN STUDIES
- ANTHROPOLOGY
- CRIMINOLOGY AND CRIMINAL JUSTICE
- ECONOMICS
- GEOGRAPHY
- GOVERNMENT AND POLITICS
- HEARING & SPEECH SCIENCES
- PSYCHOLOGY
- SOCIOLOGY
- JOINT PROGRAM IN SURVEY METHODOLOGY

OFFICE OF ACADEMIC COMPUTING SERVICES
COLLEGE WIDE CENTERS:
- ACADEMY OF LEADERSHIP
- CENTER FOR SUBSTANCE ABUSE RESEARCH
- HIGH INTENSITY DRUG TRAFFICKING AREA RESEARCH PROGRAM

The Robert H. Smith SCHOOL OF BUSINESS

CENTER FOR INTERNATIONAL BUSINESS
DINGMAN CENTER FOR ENTREPRENUERSHIP
MARYLAND CENTER FOR QUALITY AND PRODUCTIVITY
OFFICE OF EXECUTIVE PROGRAMS
PROGRAMS/CURRICULUM:
- ACCOUNTING
- BUSINESS AND MANAGEMENT-GENERAL
- BUSINESS AND MANAGEMENT-GENERAL/INTERNATIONAL
- DECISION AND INFORMATION SCIENCES
- FINANCE
- OPERATIONS AND QUALITY MANAGEMENT
- MARKETING
- HUMAN RESOURCE MANAGEMENT
- LOGISTICS & TRANSPORTATION

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES

DEPARTMENT OF
- ASTRONOMY
- COMPUTER SCIENCE
- GEOLOGY
- MATHEMATICS
- METEOROLOGY
- PHYSICS

CENTER FOR AUTOMATION RESEARCH
INSTITUTE FOR ADVANCED COMPUTER STUDIES
INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF EDUCATION

DEPARTMENT OF:
- COUNSELING AND PERSONNEL SERVICES
- CURRICULUM AND INSTRUCTION
- EDUCATION POLICY, PLANNING, AND ADMINISTRATION
- HUMAN DEVELOPMENT & INSTITUTE FOR CHILD STUDY
- MEASUREMENT, STATISTICS, AND EVALUATION
- SPECIAL EDUCATION

(CONTINUED)

COLLEGE OF EDUCATION (CONT'D)

- COMPARATIVE EDUCATION CENTER
- CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
- CENTER FOR HUMAN SERVICES DEVELOPMENT
- CENTER FOR THE STUDY OF FAMILIES, RELATIONSHIPS AND CHILD DEVELOPMENT
- CENTER FOR YOUNG CHILDREN
- COUNCIL FOR CURRICULUM DEVELOPMENT AND CHANGE
- CURRICULUM LABORATORY
- EDUCATIONAL TECHNOLOGY CENTER
- INSTITUTE FOR RESEARCH IN HIGHER AND ADULT EDUCATION
- INTERNATIONAL CENTER FOR THE STUDY OF EDUCATION POLICY AND HUMAN VALUES
- NATIONAL READING RESEARCH CENTER
- OFFICE OF LABORATORY EXPERIENCES
- PROFESSIONAL DEVELOPMENT AND EQUITY RESOURCE CENTER

A. JAMES CLARK SCHOOL OF ENGINEERING

DEPARTMENT OF:
- AEROSPACE ENGINEERING
- BIOLOGICAL RESOURCES PROGRAM IN AGRICULTURAL ENGINEERING (See also College of Agriculture)
- CHEMICAL ENGINEERING
- CIVIL ENGINEERING
- ELECTRICAL ENGINEERING
- FIRE PROTECTION ENGINEERING
- MECHANICAL ENGINEERING
- MATERIALS & NUCLEAR ENGINEERING
- PROFESSIONAL MASTERS ENGINEERING

CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
COOPERATIVE EDUCATION
ENGINEERING RESEARCH CENTER
INSTRUCTIONAL TELEVISION
INSTITUTE FOR SYSTEMS RESEARCH
WOMEN IN ENGINEERING PROGRAM

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

DEPARTMENT OF:
- FAMILY STUDIES
- HEALTH EDUCATION
- KINESIOLOGY

CENTER ON AGING

COLLEGE OF JOURNALISM

COLLEGE OF JOURNALISM
ADVERTISING
BROADCAST NEWS
NEWS EDITORIAL
- -MAGAZINE
- -NEWS

PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

LIBRARY AND INFORMATION SERVICES
GEOGRAPHY/LIBRARY AND INFORMATION SERVICES
HISTORY/LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES

DEPARTMENT OF:
- BIOLOGY
- CELL BIOLOGY AND MOLECULAR GENETICCS
- CHEMISTRY AND BIOCHEMISTRY
- ENTOMOLOGY

WATER RESOURCES RESEARCH CENTER
PROGRAMS/CURRICULA
- BIOCHEMISTRY
- BIOLOGICAL SCIENCES (REVISED FALL 1997)
- CHEMISTRY
- ENTOMOLOGY
- MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
- MICROBIOLOGY
- MOLECULAR AND CELL BIOLOGY
- NEUROSCIENCE AND COGNITIVE SCIENCE
- PLANT BIOLOGY
- SUSTAINABLE DEVELOPMENT AND CONSERVATION BIOLOGY
- ZOOLOGY

SCHOOL OF PUBLIC AFFAIRS

PROGRAMS
- ENVIRONMENTAL POLICY
- INTERNATIONAL SECURITY AND ECONOMIC POLICY
- PUBLIC SECTOR FINANCIAL MANAGEMENT
- SOCIAL POLICY

BUREAU OF GOVERNMENTAL RESEARCH
CENTER FOR INTERNATIONAL AND SECURITY STUDIES AT MARYLAND
- PROJECT ON RETHINKING ARMS CONTROL
- WOMEN IN INTERNATIONAL SECURITY

INSTITUTE FOR PHILOSOPHY & PUBLIC POLICY
CENTER FOR LEARNING AND COMPETITIVENESS

UNDERGRADUATE STUDIES

AIR SCIENCE (AFROTC)
ACADEMIC ACHIEVEMENT PROGRAMS
CENTER FOR TEACHING EXCELLENCE
COLLEGE PARK SCHOLARS
CORE PLANNING AND IMPLEMENTATION
DIVISION OF LETTERS AND SCIENCES
EDUCATIONAL TALENT SEARCH PROGRAM
FINANCIAL AID
FIRST YEAR FOCUS
INDIVIDUAL STUDIES PROGRAM
LETTERS AND SCIENCES
LAW AND HEALTH PROFESSIONS ADVISING OFFICE
NATIONAL STUDENT EXCHANGE
RONALD A. McNAIR PROGRAM
ORIENTATION
POST BACCALAUREATE SCHOLARSHIP INFORMATION
PRE-COLLEGE PROGRAMS:
- UPWARD BOUND
- MATH AND SCIENCE REGIONAL CENTER

RECORDS AND REGISTRATIONS
SENIOR SUMMER SCHOLARS PROGRAM
TERRAPIN READING SOCIETY
UNDERGRADUATE ADMISSIONS
UNIVERSITY HONORS PROGRAM
UNDERGRADUATE RESEARCH ASSISTANTS PROGRAM
WINTERTERM

ACADEMIC INFO 37

Advising *(Undergraduate Students)*

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

Note: For the following groups advising is mandatory:

Newly admitted first-year and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, student athletes, and students in certain majors and colleges.

Undergraduate advisors, their room numbers and telephone extensions are listed below. E-mail addresses are given for some colleges and advisors. Students who have general questions about campus programs and advising policies may visit or call Letters & Sciences, Room 1117, Hornbake Library, 314-8418, or e-mail askls@deans.umd.edu

COLLEGE OF AGRICULTURE & NATURAL RESOURCES

General Information				
Dr. Thomas A. Fretz, Dean			SYM-1224	405-7761
Dr. Marla S. McIntosh, Associate Dean			SYM-1222	405-2078
Dr. Leon Slaugher, Assistant Dean			SYM-1221	405-7761
AGRICULTURAL & RESOURCE ECONOMICS				
		McNew, K. (Coord.) (kmcnew@arec.umd.edu)	SYM-2220	405-1274
		Bockstael, N. (nancyb@arec.umd.edu)	SYM-3009	405-1263
		Olson, L. (lolson@arec.umd.edu)	SYM-2222B	405-7180
AGRICULTURAL SCIENCES, GENERAL				
		Grant, L. (Coord.) (lg21@umail.umd.edu)	ANS-AGENG-1433	405-1198
ANIMAL SCIENCES				
		Dahl, G. (Coord.) (gd38@umail.umd.edu)	ANS-AGENG-1415	405-1374
		Doerr, J. (jd29@umail.umd.edu)	ANS-AGENG-3115	405-5782
		Erdman, R. (rel3@umail.umd.edu)	ANS-AGENG-1403	405-1383
		Estevez, I. (ie70@umail.umd.edu)	ANS-AGENG-2151	405-5779
		Hartsock, T. (th9@umail.umd.edu)	ANS-AGENG-2109	405-1389
		Kohn, R. (rkohn@wam.umd.edu)	ANS-AGENG-4151	405-4583
		Keyser, R. (rk104@umail.umd.edu)	ANS-AGENG-1123	405-1398
		Kuenzel, W. (wk16@umail.umd.edu)	ANS-AGENG-3131	405-5778
		Majeskie, L. (jm5@umail.umd.edu)	ANS-AGENG-1131	405-1406
		Ottinger, M.A. (mo20@umail.umd.edu)	ANS-ANENG-3113	405-5780
		Peters, R. (rp17@umail.umd.edu)	ANS-AGENG-1103	405-1401
		Porter, T. (tp44@umail.umd.edu)	ANS-AGENG-4111	405-2516
		Rankin, S. (sr110@umail.umd.edu)	ANS-AGENG-1121	405-4568
		Varner, M. (varner@umd5.umd.edu)	ANS-AGENG-1117	405-1396
BIOLOGICAL RESOURCES ENGINEERING				
		Schreuders, P. (ps129@umail.umd.edu)	ANS-AGENG-1460	405-0145
		Shirmohammadi, A (Coord.) (as31@umail.umd.edu)	ANS-AGENG-1421	405-1185
COMBINED DEGREE, ANIMAL SCIENCE & VETERINARY MEDICINE				
		Dahl, G. (gd38@umail.umd.edu)	ANS-AGENG-1415	405-1374
CONSERVATION - SOIL, WATER & ENVIRONMENT				
		Hill, R. (rh30@umail.umd.edu)	HJP-0216	405-1347
		Rabenhorst, M. (mr1@umail.umd.edu)	HJP-0101	405-1343
		Weil, R. (Coord.) (rw17@umail.umd.edu)	HJP-1103	405-1314
CROP SCIENCE				
		Slaughter, L. (Coord.) (ls24@umail.umd.edu)	SYM-1221	405-7761
DIETETICS				
	(A-J)	Curtis, S. (Director) (sc49@umail.umd.edu)	MMH-3308	405-4532
	(K-O)	Jackson, R. (rj36@umail.umd.edu)	MMH-3303	405-4533
	(P-SH)	Blake, A. (ab129@umail.umd.edu)	MMH-3302	405-4524
	(SI-Z)	Moser-Veillon, P. (pv6@umail.umd.edu)	MMH-3307	405-4502
ENVIRONMENTAL SCIENCE AND POLICY				
		James, B. (bj5@umail.umd.edu)	SYM-0207	405-8571
FOOD SCIENCE				
	(A-M)	Boyle-Roden, E. (eb112@umail.umd.edu)	MMH-3309	405-4528
	(N-Z)	Meng, J. (jm332@umail.umd.edu)	MMH-3420	405-1399
HORTICULTURE				
Hort Production and Hort Science				
		Bouwkamp, J. (jb65@umail.umd.edu)	PLS-2114	405-4334
		Deitzer, G. (gd@umail.umd.edu)	PLS-2132	405-4335
LANDSCAPE MANAGEMENT				
		Walsh, C. (Coord.) (cw5@umail.umd.edu)	PLS-2136	405-4351
		Nola, D. (dnola@ea.umd.edu)	PLS-2138	405-0066
LANDSCAPE ARCHITECTURE				
	(A-F)	Hill, M. (mh160@umail.umd.edu)	PLS-2140	405-4341
	(G-L)	Pihlak, M. (Coord.) (mp65@umail.umd.edu)	PLS-2146	405-4350
	(M-R)	Sullivan, J. (js337@umail.umd.edu)	PLS-2142	405-0106
	(S-Z)	Hilsenrath, E. (eh68@umail.umd.edu)	PLS-2144	405-4369
NATURAL RESOURCES MANAGEMENT				
		Baldwin, A. (ab174@umail.umd.edu)	ANS-AGENG-1462	405-7855
		Grant, L. (lg21@umail.umd.edu)	ANS-AGENG-1433	405-1198
		Kangas, P. (Coord.) (pk31@umail.umd.edu)	ANS-AGENG-1457	405-1198
NUTRITIONAL SCIENCES ***(formerly HumanNutritional and Food Systems)***				
	(A-M)	Ahrens, R. (ra7@umail.umd.edu)	MMH-3301	405-4523
	(N-Z)	Castonguay, T. (tc27@umail.umd.edu)	MMH-3209B	405-4503
TURF & URBAN AGRONOMY				
		Carroll, M. (Coord.) (mc92@umail.umd.edu)	HJP-1114	405-1339

SCHOOL OF ARCHITECTURE

General Information			
Stephen Sachs, Associate Dean		ARCH-1298	405-6284
(Advisor assignments available in Room 1298, Architecture)			
Urban Studies		LEF-1117	405-6799

COLLEGE OF ARTS AND HUMANITIES

Dr. James Harris, Dean		KEY-1102	405-2108
Dr. Gabriele Strauch, Associate Dean		KEY-1102	405-2108
Undergraduate Academic Information		KEY-1120	405-2108
Mr. Derrick Best Director of Student Affairs		KEY-1120	405-2108
Dr. Thomas Moore, Senior Advisor		KEY-1120	405-2108
Mr. John Clift, Senior Advisor		KEY-1120	405-2108
Ms. Jenny Thompson, Advisor		KEY-1120	405-2108
Ms. Gilda Anroman, Advisor		KEY-1120	405-2108
General Information			
AMERICAN STUDIES PROGRAM	Lounsbury, M.	TLF-2113	405-1359
ART	Thorpe, J.	ASY-1211	405-1445
ART HISTORY	Colantourio, A.	ASY-4219	405-1501
	Quo, J.	ASY-4221	405-1499
CHINESE	McGinnis, S.	JMZ-4202	405-4383
CLASSICAL HUMANITIES	Stehle, E.	MMH-2407	405-2019
COMPARATIVE LITERATURE	Robertsen, E.	SQH-2107	405-2853
DANCE	Wiltz, A.	DNC-1132	405-3180
ENGLISH	Moser, J.	SQH-2115	405-3826
FRENCH	Bondurant, D.	JMZ-3104	405-4034
GERMAN	Pfister, G.	JMZ-3210	405-4106
GREEK	Stehle, E.	MMH-2407	405-2019
HEBREW	Levy, N.	JMZ-4218	405-4251
HISTORY	Gullickson, G.	KEY-2116	405-4268
ITALIAN	Russell, C.	JMZ-3106G	405-4024
JAPANESE	Yotsukura, L.	JMZ-2106G	405-0038
JEWISH STUDIES	Lapin, H.	WDS-0113	405-4975
LATIN	Stehle, E.	MMH-2407	405-2019
LINGUISTICS	Lombardi, L.	MMH-14010	405-4931
MUSIC	contact Department	TWS-2110	405-5563
PHILOSOPHY	Stairs, A.	SKN-1121A	405-5695
ROMANCE LANGUAGES	Falvo, J.	JMZ-3103	405-4031
RUSSIAN AREA STUDIES	Majeska, G.	KEY-2165	405-4307
RUSSIAN LANGUAGE & LITERATURE	Martin, C.	JMZ-4109	405-4103
SPANISH & PORTUGUESE	Little, K.	JMZ-2202	405-6452
SPEECH COMMUNICATION	Miller, J.	SKN-2114	405-6517
THEATRE	Wagner, D.	TWS-0236	405-6679
WOMEN'S STUDIES	Nichols, L.	WDS-2101	405-6877

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

Dr. Irwin L. Goldstein, Dean		TYD-2141	405-1679
Dr. Stewart Edelstein, Associate Dean		TYD-2141	405-1679
Dr. Robert Steele, Associate Dean		TYD-2141	405-1679
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	405-1692
College email address: bsosque@bss2.umd.edu			
Special Projects	Walsh, B.	TYD-2140	405-1689
ADVISEMENT AND RECORDS			
For appointments, special requests, and Dean's stamp		TYD-2148	405-1697
Director of Academic Support Service	Scholl, G.	TYD-2148	405-1702
Candidate Clearance	Goebel, S.	TYD-2148	405-1688
Director of Undergraduate Advising	Byron, L.	TYD-2148	405-1697
College Academic Advisors	Cidon, E.	TYD-2148	405-1697
	Gray, M.	TYD-2148	405-1697
	Kvach,K.	TYD-2148	405-1697
	Schmidt, T.	TYD-2148	405-1697
	Mattson, P	TYD-2148	405-1697
For appointments		TYD-2140	405-1708
College Advising Office for Students of Color, International Students, and Athletes		TYD-2140	405-1708
Coordinator	Blasingame, A.	TYD-2140	405-1708
Academic Advisors	Mason, T.	TYD-2140	405-1708
	Coleman, T.	TYD-2140	405-1708
UNDERGRADUATE PROGRAMS			
AFRO-AMERICAN STUDIES PROGRAM	McCartney, J.	LEF-2169G	405-1168
ANTHROPOLOGY	Stuart, W.	WDS-0100	405-1423
CRIMINOLOGY, CRIMINAL JUSTICE	Sealock, M.	LEF-2220	405-4729
	Edwards, K.	LEF-2220	405-4729
ECONOMICS	Wallis, J.	TYD-3135C	405-3552
GEOGRAPHY	Cirrincione, J.	LEF-1123	405-4073
GOVERNMENT & POLITICS	Sweeney, A.	LEF-2181J	405-4124
HEARING & SPEECH SCIENCE	McCall, G.	LEF-0138	405-4214
PSYCHOLOGY	Sternheim, C.	ZOP-1107	405-5866
SOCIOLOGY	Mohagadam, L.	ASY-2108	405-6389
UNDECIDED-See a college advisor			

COLLEGE OF BUSINESS AND MANAGEMENT

Dr. Howard Frank, Dean		VMH-2416	405-2299
Dr. Judy Olian, Senior Associate Dean		VMH-2416	405-2299
Dr. Burt Leete, Acting Associate Dean			
Dr. Lawence A. Gordon, Director, Ph.D. Program			
Mr. Mark Wellman, Assistant Dean		VMH-2308	405-2278
Mr. Mike Marcellino, Advisor, Master's Program		VMH-2308	405-2278
Dr. Patricia Cleveland, Assistant Dean and Director, Undergraduate Programs		VMH-1308	405-2286
Mr. Brian Horick, Associate Director Undergraduate Programs		VMH-1308	405-2286
Ms. Stella Mirhadi, Associate Director Undergraduate Programs		VMH-1308	405-2286
Ms. Shelly Lang, Assistant Director Undergraduate Programs		VMH-1308	405-2286
Ms. Roberta Smit, Advisor		VMH-1308	405-2286
Undergraduate Advisor	Jaynor, R.	VMH-1308	405-2286
Records Office, Business	Anderson, R.		
	Hall, D.	VMH-1308	405-2286
	Purushothan, D.	VMH-1308	405-2286
	Quigg, J.	VMH-1308	405-2286
	Turner, N.	VMH-1308	405-2286

COLLEGE OF COMPUTER, MATHEMATICAL & PHYSICAL SCIENCES

Dr. Richard H. Herman, Dean		AVW-3400	405-4906
Undergraduate Academic Information			
Ms. Deborah Reid Bryant, Assistant to the Dean		AVW-3400	405-2677
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Student Records	Coleman, R.	AVW-3400	405-2677
General Information			
ASTRONOMY	Deming, G. deming@astro.umd.edu	CSS-1233	405-1562
COMPUTER SCIENCE	Kaye, G. gwen@cs.umd.edu	AVW-1103	405-2672
GEOLOGY	Wylie, A. awylie@geol.umd.edu	GEO-1121	405-4079
MATHEMATICS	Alter, M. mka@math.umd.edu	MTH-1113	405-5053
PHYSICS	Zerwitz, R. rzerwitz@deans.umd.edu	PHY-1120	405-5979
PHYSICAL SCIENCES	Zerwitz, R. rzerwitz@deans.umd.edu	PHY-1120	405-5979

COLLEGE OF EDUCATION

General Information			
Dr. Charles Beatty, Associate Dean for Student Services		EDU-1201	405-2338
Undergraduate Student Services	Angeletti, K.	EDU-1210	405-2364
Graduate Student Services	Theis, P.	EDU-1210	405-0006
EDUCATION POLICY, PLANNING, AND ADMINISTRATION	Cibulka, J.	EDU-2115	405-3590

38 ACADEMIC INFO

COUNSELING & PERSONNEL SERVICES			
	Power, P.	EDU-3214C	405-2858
School Psychology	Teglasi, H.	EDU-3222	
School Counseling	Greenberg, K.	EDU-3222	
Community Counseling	Hershenson, D.	EDU-3214B	
College Student Personnel	Komives, S.	EDU-3128	
Counseling Psychology	Hoffman, M.	EDU-3218	
Rehabilitation Counseling	Power, P.	EDU-3214A	
	Fabian, E.	EDU-3234F	
Counseling & Consultation	Hershenson, D.	EDU-3214C	
CURRICULUM & INSTRUCTION – http://www.inform.umd.edu/EDUC/www/Depts/EDCI/			
	Johnson, M.	EDU 2311B	405-3324
Art Ed	Hendricks, S.		
English/Speech/Theatre Ed	McCaleb, J.	EDU 2304J	
	McKillop, A. M.	EDU 2231	
	Slater, W.	EDU 2304E	
Foreign Language Education/TESOL	De Lorenzo, W.	EDU 2304G	
	Varela, E.	EDU 2233	
Language Arts Education	Comas J.	EDU 2226C	
	Heidelbach, R.	EDU 2304D	
	O'Flahavan, J.	EDU 2304E	
Mathematics Education	Campbell, P.	EDU 2226H	
	Cooper, D.	EDU 2226D	
	Davidson, N.	EDU 2226G	
	Graeber, A.	EDU 2226F	
	Johnson, M.	EDU 2311B	
	Strutchens, M.	EDU 2226D	
Music Education	Folstrom, R.	TWS 3141	
Physical Education	Owens, L.	HHP 2338	405-2438
Reading Education	Afflerbach, P.	EDU 2304L	
	Chambliss, M.	EDU 2311E	
	Dreher, J.	EDU 2311F	
	Gambrell, L.	EDU 3119	
	Saracho. O.	EDU 2304H	
Science Education	Holliday, W.	EDU 2226L	
	McGinnis, R.	EDU 2226K	
	van Zee, E.	EDU 2226M	
Social Studies Education	Cirrincione, J.	EDU 2227/LeFrak 1125	
	Jantz, R.	EDU 2229	
	VanSledright, B.	EDU 2223	
	Weible, T.	EDU 3119	
Teacher Education	Price, J.	EDU 2311G	
	Sullivan, D.	EDU 0307	
	Valli, L.	EDU 2207	
HUMAN DEVELOPMENT			
INSTITUTE FOR CHILD STUDY	Flatter, C.	EDU-3304	405-2818
	Porges, S.	EDU-3304	405-2827
Early Childhood Education	Killen, M.	EDU-1117	
	Klein, E.	EDU-1117	
MEASUREMENT, STATISTICS, AND EVALUATION	Lissitz, R. W.	EDU-1229	405-3624
SPECIAL EDUCATION	Beckman, P.	EDU-1240B	405-6485
	Burke, P.	EDU-1308	
	Cooper, D.	EDU-1240A	
	Egel, A.	EDU-1240C	
	Graham, S.	EDU-1308D	
	Harris, K.	EDU-1311D	
	Kohl, F.	EDU-1240D	
	Leone, P.	EDU-1240E	
	Lieber, J.	EDU-1238	
	Maccini, P.	EDU-1311C	
	McLaughlin, M.	EDU-1500P	
	Neubert, D.	EDU-1242	
	Malmgren, K.	EDU-1311B	
	Speece, D.	EDU-1240F	

For advising and information, intended Education majors contact: Dawn Molloy (EDSP) in room 1235 Education Building; Donna Jensen (EDCI) Advisor in room 2311D Education Building; Kathy Angeletti (Undesignated or undecided) in room 1210 Education Building.

A. JAMES CLARK SCHOOL OF ENGINEERING

General Information			
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Dr. Horace Russell, Associate Dean		EGR-1124	405-5284
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Advisor Consultants	Kleine, K.	EGR-1124	405-3855
	Rooney-Eckel, E.	EGR-1124	405-3855.
	McKenzie, M.	EGR-1124	405-3855
	McGraw, R.	EGR-1124	405-3855
AEROSPACE	Lewis, M.	EGR-3172	405-1133
BIOLOGICAL RESOURCES	Shirmohammadi, A.	ANS 1447	405-1185
CHEMICAL	Smith, T.	CHE-1223B	405-1918
CIVIL	Haghani, A.	EGL-1137	405-1963
COMPUTER	Pugsley, J.	AVW-2429	405-3685
ELECTRICAL	Kiely, L.	AVW-2429	405-3685
	Papamarcov, A.	AVW-2429	405-3685
FIRE PROTECTION	Spivak, S.	EGR-0151C	405-3992
MATERIALS	Lloyd, I.	CHE-2138	405-5221
MECHANICAL	Walston, W.	EGR-2188	405-2409
NUCLEAR	Pertmer, G.	CHE-2309A	405-2207
PROFESSIONAL MASTERS	Cunniff, P.	EGR-2174	405-5256
Center for Minorities in Science and Engineering	Parker, R.	EGR-1134	405-3878
	Saddler, L.	EGR-1134	405-3878
Engineering Career and Co-op Program	Sauber, H.	EGR-1137B	405-3862
	Turk, M.	EGR-1137A	405-3864
Women in Engineering Program	Morris, C	EGR-1131	405-3931

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

General Information			
Dr. John Burt, Dean		HHP-3310D	405-2438
Dr. Jerry Wrenn, Associate Dean		HHP-3310B	405-2442
Carol Vander Velden, Student Records		HHP-3310H	405-2442
Program Advisors			
KINESIOLOGY			
Kinesiological Sciences	Scott, M.	HHP-2322	405-2480
Physical Education	Owens, L.	HHP-2338	405-2495
HEALTH EDUCATION			
Community Health, School Health	Hyde, D.	HHP-2374	405-2523
FAMILY STUDIES	Annand, V.	HHP-2310	405-2473

HONORS PROGRAM

Dean Hebert, Advisor		ANA-1113	405-6771

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean		JRN-1117	405-2399
Dr. Greig M. Stewart, Assistant Dean		JRN-1117	405-2399
Olive Reid, Director of U.G. Programs		JRN-1119	405-2399
Undergraduate Advisors	Chadha, K.	JRN-1117	405-2396
	Bowen, S.	JRN-1117	405-2395
	Reed, K.	JRN-1117	405-2398

College email address: journug@deans.umd.edu

COLLEGE OF LIBRARY & INFORMATION SCIENCES

Dr. Ann Prentice, Dean		HBK-4105	405-2033
Student Records and General Information	Barlow, D. (Asst. Dean)	HBK-4110	405-2038

COLLEGE OF LIFE SCIENCES

General Information			
Dr. Paul H. Mazzocchi, Dean		SYM-1224	405-2080
Dr. William Higgins, Associate Dean		SYM-1212	405-2908
Dr. Albert Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Amel Anderson, Assistant Dean		SYM-1224	405-2080
College email address: collifsc@life.umd.edu			
BIOLOGICAL SCIENCES			
	Presson, J. (Asst. Director)	SYM-1211	405-6892
	Kent, B.	PLS-3142	405-3911
	Barnett, N.	HJP-1219	405-1597
	Hayes-Klosteridis, J.	SYM-1207	405-2079
	Infantino, R.	ZOP-2227	405-6904
	Lachman, L.	SYM-1212	405-6892
	Loughlin, W.	MTL-0130E	314-8375
	Smith, A.	MCB-1126B	405-5443
CHEMISTRY/BIOCHEMISTRY	Berkowitz, D. (Director, Undergraduate Programs)	CHM-1309	405-1791
ENTOMOLOGY	Kent, B. (Director Undergraduate Programs)	PLS-3142	405-3911
	Armstrong, E.	PLS-3158	405-3925
	Barbosa, P.	SKN-3112C	405-3946
	Bottrell, D.	PLS-3148	405-3938
	Brown, A.	PLS-3138	405-3928
	Denno, R.	PLS-4146	405-3955
	Dively, G.	PLS-4124	405-3913
	Hellman, J.	PLS-3160	405-3920
	Lamp, W.	PLS-4120	405-3959
	Ma, M.	PLS-3116	405-3941
	Mitter, C.	PLS-4142	405-3957
	Nelson, J.	PLS-3110	405-3919
	Raupp, M.	PLS-4112	405-3912
	St. Leger, R.	PLS-3124	405-5402
	Thorne, B.	PLS-3102	405-7947
CELL BIOLOGY AND MOLECULAR GENETICS	Barnett, N.	HJP-2208	405-1597
	Bean, G.	HJP-2113	405-1592
	Benson, S.	MCB-3136	405-5478
	Bottino, P.	HJP-3223	405-1641
	Browning, J.	HJP-2204	405-1615
	Chang, C.	HJP-3227	405-1643
	Delwiche, C.	HJP-2009	405-8300
	De Stefano, J.	MCB-2114	405-5449
	Farber, D.	MCB-2114	405-7551
	Gantt, B.	MCB-2109	405-1625
	Gdovin, S.	MCB-2116	405-7254
	Hutcheson, S.	MCB-3117	405-5498
	Joseph, S.	MCB-2118	405-5452
	Liu, Z.	HJP-3221	405-1586
	Mount, S.	HJP-3221	405-6934
	Pontzer, C.	MCB 2112	405-5472
	Reveal, J.	HJP-2107	405-1624
	Smith, A. (Coord.)	MCB-2107	405-5430
	Song, W.	MCB-2107	405-7552
	Stewart, R.	MCB-3122	405-5475
	Straney, D.	HJP-2225	405-1622
	Sze, H.	HJP-3237	405-1645
	Weiner, R.	MCB-2111	405-5446
	Yuan, R.	MCB-1119	405-5436
BIOLOGY	Infantino, R. (Director Undergraduate Programs)	ZOP-2227	405-6904
PRE-PROFESSIONAL	Dr. Lisa Bradley	HBK-0110	405-2793

SCHOOL OF PUBLIC AFFAIRS

Dr. Susan C. Schwab, Dean		VMH-2101	405-6330

UNDERGRADUATE STUDIES

Robert Hampton, Associate Provost for Academic Affairs and Dean		2130 Mitchell Bldg.	405-9354

LETTERS AND SCIENCES (L&S)

Dr. Jaracne Adams-Gordon, Assistant Dean and Director		HBK-1117	314-8418
Barbara Bennett, Secretary		HBK-1117	314-9401
Dr. Lisa Bradley, Assistant Director		HBK-1117	314-8418
Dr. Wendy Whittemore, Assistant Director		HBK-1117	314-8418
Tom Gleason, Exceptions to Academic Policy		HBK-0110	314-9403
Edie Phillips, Credit by Exam		HBK-1117	314-9423
Vee Vee Coleman, Receptionist		HBK-1117	314-8418
L&S ADVISOR CONSULTANTS			
Transfer Year Coordination	Tom Steen	HBK-1117	314-8418
Advising Services	Harriet Nokuri	HBK-1117	314-8418
Advisor-Advisee Relations	Julie Blackburn	HBK-1117	314-8418
Interim Advising Program	Tom Gleason	HBK-0110	314-9403
Retention Activities	Zenobia Garrison	HBK-1117	314-8418
SPECIAL INTEREST AREAS			
Health & Human Performance	Walter Bixby	HBK-1117	314-8418
GENERAL ADVISORS	Jason Boyd	HBK-1117	314-8418
	Wendy Japal	HBK-1117	314-8418
	Carlin Kettler	HBK-1117	314-8418
	Lisa McAllister	HBK-1117	314-8418
	Laura Miller	HBK-1117	314-8418
	Marchelle Payne	HBK-1117	314-8418
	Lisa Sturtevant	HBK-1117	314-8418
ADVISING ASSISTANTS	Berny Hill	HBK-1117	314-8418
	Dana Miller	HBK-1117	314-8418
	Tuomo Neuvonen	HBK-1117	314-8418
INDIVIDUAL STUDIES PROGRAM	Lisa Tenley	HBK 0110	314-9403
	Dolores Mulligan	HBK-0110	314-9403
LAW AND HEALTH PROFESSIONS ADVISING			
Pre-Law	TBA	HBK-0110	405-2793
Pre-Dentistry	Dr. Lisa Bradley	HBK-0110	405-2793
Pre-Medicine	Dr. Lisa Bradley		
Pre-Optometry	Dr. Lisa Bradley		
Pre-Osteopathy	Dr. Lisa Bradley		
Pre-Podiatry	Dr. Lisa Bradley		
Pre Dental Hygiene	TBA	HBK-0110	405-2793
Pre-Medical and Research Technology	TBA		
Pre-Nursing	TBA		
Pre-Pharmacy	TBA		
Pre-Physical Therapy	TBA		
Pre-Professional Advising Asst.	Joanne McEvoy	HBK-0110	405-2793
	Donald Snyder	HBK-0110	405-2793

OFFICE OF MULTI-ETHNIC STUDENT EDUCATION

Academic Support Unit			
Dr. Mary Cothran, Director		HBK-1101	405-5616
Dr. Jennifer V. Jackson, Assistant Director		HBK-1101	405-5616
Dr. Ronald Zeigler, Research Coordinator		HBK-1101	405-5616
Mr. Joel Smith, Academic Coordinator		HBK-1101	405-5616
Ms. Dottie Bass, Outreach and Programming Coordinator		HBK-1101	405-5616
Ms. Bobbie Lee, Program Management Specialist		HBK-1101	405-5616
Ms. Yunmei Elaine Ting, Retention Coordinator		HBK-1101	405-5616

ACADEMIC INFO 39

ACADEMIC PROGRESS/COURSE NUMBERING/REPEAT POLICY

Requirements for Satisfactory Academic Progress—*Undergraduate Students*

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.
2. Each letter grade has a numerical value: A=4; B=3; C=2; D=1; F=0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4
B = 3
C = 2
D = 1
F = 0

× NUMBER OF CREDITS = TOTAL QUALITY POINTS FOR THE COURSE

3. An example of how a SEMESTER G.P.A. and a CUMMULATIVE G.P.A. are calculated is given below:

Course	Credits Attempted	Grade	Quality Points
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74

SEMESTER GPA = SEMESTER QUALITY POINTS / SEMESTER CREDITS ATTEMPTED = 34/16 = 2.125

CUMULATIVE GPA = TOTAL QUALITY POINTS / TOTAL CREDITS ATTEMPTED = 108/43 = 2.511

4. When a course is REPEATED, all grades will be included for the purpose of determining the number of quality points used to calculate the cumulative grade point average. First semester students and freshmen through the first 24 credits will receive quality points appropriate for the higher grade when calculating the grade point average. See also, "REPEATING COURSES" below.

SATISFACTORY PERFORMANCE

A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3.500, or higher, will be awarded **"ACADEMIC HONORS."** This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE

Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Total credits earned from courses with grades of A, B, C, D, F, P, S and transfer credit from other institutions, Advanced Placement, CLEP and other similar tests in which credit is given.

CREDIT LEVEL	UNSATISFACTORY PERFORMANCE	ACADEMIC WARNING	ACADEMIC DISMISSAL
0-13	1.290-1.999	0.230-1.289	0.000-0.229
14-28	1.780-1.999	1.280-1.799	0.000-1.279
29-56	1.860-1.999	1.630-1.859	0.000-1.629
57-74	1.940-1.999	1.830-1.939	0.000-1.829
75 OR MORE	—	1.940-1.999	0.000-1.939

1. Students whose cumulative G.P.A. falls within the UNSATISFACTORY PERFORMANCE category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an ACADEMIC WARNING will have that notation entered on their transcript and will be informed, in writing, to consult with an advisor prior to the beginning of their next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**
   - A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   - B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   - C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23 or higher. After this first semester, the student will be subject to normal standards for academic progress. NOTE: This provision does not apply to students reinstated or readmitted to the College park Campus. A transfer student is defined as a student who has attended any regionally accredited institution of higher education following graduation from high school and attempted 9 or more credits.

ADDING/DROPPING COURSES

1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses, DROP courses, or CHANGE SECTIONS. PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. **Drop Policy**—The DROP PERIOD for Undergraduate Students will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. DURING THIS DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS. If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.

   Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

REPEATING COURSES

1. Students may have one repeat of any given course in which a grade of A, B, C, D, F, P, S, or W has been earned on their records. If a course is repeated in which a student already has earned a grade of A,B,C,D,P, or S, the subsequent attempt will not increase the total credits earned toward the degree. All attempts at a given course resulting in one of the above noted grades will be included in the computation of the grade point average.
2. A student may register for a course NO MORE THAN TWO TIMES. A course dropped with a "W" notation will count as one of these two registrations. If a student withdraws from all courses during a semester these courses will not count as one of the two registrations.
3. Incompletes—The mark of 'I' cannot be removed through re-registration for the course or through "credit by examination."
4. For complete information on the Repeat Policy (see below) or your academic advisor.

   Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS OR ABOUT OTHER ACADEMIC POLICIES AND REQUIREMENTS AT College Park should immediately contact an ACADEMIC ADVISOR in their college or department.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily courses for first-year students
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599*	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course (not for graduate degree credit)
600-699	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral Dissertation credit

NOTE: Courses with last digit of 8 or 9 can be repeated for additional credit

UNDERGRADUATES—eligible to register for courses numbered 000-499.

GRADUATE—eligible to register for courses numbered 400-899.

*Not applicable to Graduate or Undergraduate degrees, and not included in GPA calculations.

Repeat Policy-Undergraduate Students

The following policies apply to ALL courses that may not be repeated for additional credit.

1. The following students are required to follow the **new** Repeat Policy:
   - a. All new freshmen who began at UMCP Fall 1990 and after.
   - b. All transfer students.

     Exceptions:
     - Students from Maryland Community Colleges who began at UMCP Fall 1990 and after
     - Students attending UMBC's College of Engineering from Fall 1990 through Fall 1991.
2. There is a limit to the number of times a student may repeat a course. **Students may have ONE repeat of any course in which they earned an A, B, C, D, F, P, S, W, I, NGR, or Audit;** they cannot be registered (after the Schedule Adjustment Period) for any given course more than twice. A student's Dean's Office may grant an exception allowing an additional course repeat. In this case, students must present a plan for successfully completing the course. **All attempts WILL be counted toward the total limit for repeatable credits.**
3. Students may repeat no more than 18 credits.
4. The grade point average will include all attempts at a given course that results in a grade of A, B, C, D, or F. However, to help **freshmen and transfer students** adjust to the UMCP campus, the following two exceptions allow for the cumulative G.P.A. to be calculated so that **only the higher grade is included:**
   - a. When the repeated course was taken within the student's first semester at UMCP,

   or
   - b. When the repeated course was taken within the student's first 24 credit hours attempted (including transfer credits) or within the semester during which the student reached the 24th credit hour attempted
5. Any grade earned in prior attempts of a repeated course will appear on the student's transcript, regardless of whether the grade is dropped from, or averaged into, the cumulative grade point average.
6. Repeat by transfer—If a student repeats by transfer a course that was taken before or during the semester in which the student reached 24 credits attempted (including transfer credits) and the transfer grade is higher, then the original grade in the course will be excluded from the G.P.A. calculation.
   - If the course was taken after the semester in which the student reached 24 credits attempted, then the transfer course will not replace the original grade in the G.P.A. calculation. Special exceptions can be requested by the student's college dean in unusual circumstances.

NOTE: SEE COLLEGE OF EDUCATION REPEAT ON NEXT PAGE

40 ACADEMIC INFO

Full-Time Status

FULL-TIME STATUS FOR UNDERGRADUATE STUDENTS WILL BE BASED ON REGISTRATION FOR 12 OR MORE SEMESTER HOURS. Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

FULL-TIME status is based on the following criteria:

1. Registered for 12 or more semester hours at the end of the Schedule Adjustment Period.
2. Courses registered for **AUDIT** are not included in the calculation of credits for full-time status.
3. UMEI PROGRAM Students enrolled in UMEI 001-004 are considered full-time students. If enrolled in UMEI 005 (semi-intensive), to meet the full-time requirement, undergraduate students must also register for 6-8 credits appropriate to their program.

NOTE: Students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant may be cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University. Students receiving financial aid are strongly encouraged to contact a financial aid counselor prior to dropping below full time status. Additional information may be obtained from the Office of Student Financial Aid, Room 0102 Lee Bldg., 301-314-9000

Repeat Policy Prior To Fall 1990

The following students should follow the old Repeat Policy in the Undergraduate Catalog:

1. Students who began at UMCP before Fall 1990 (including students who entered UMCP for summer 1990)
2. Transfer students who began at a Maryland Community College before Fall 1990.
3. UMBC College of Engineering students who began before 1990.

College of Education- REPEAT POLICY

This policy applies only to students in the College of Education

- All registrations in student teaching, regardless of whether a student withdraws or takes a leave of absence, will be counted as an attempt under the campus repeat policy. Only two registrations will be allowed.

- After two registrations, further attempts at student teaching must be approved by the department and school system professionals involved in the candidate's student teaching experience.

Major Changes

If you wish to process a major change, go to the college associated with your desired new major to obtain approval, advisement information, and process the change. Changes can be made with an advisor using the Student Information System Major Change Processor.

Students contemplating a change in major to Architecture, Business & Management, Engineering, Government & Politics, Journalism, Landscape Architecture or Psychology should contact the Office of Undergraduate Admissions, 314-8385 for additional information and an up-to-date list of special admission requirements for these majors. Students considering majoring in Education should contact the College of Education. Students with fewer than 56 credits not admitted directly into these programs may be admitted to the Division of Letters and Sciences, by going to the Undergraduate Advising Center and indicating a desire to do so.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Foreign Language Placement

Students with prior experience in a foreign language are expected to enroll in courses at the highest level appropriate to their background. A student whose knowledge of a foreign language as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis.

A student who is a native speaker and who is enrolling in a basic language course is expected to identify him/herself to the instructor to discuss proper placement.

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

Latin Courses: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The department advisor, Professor Eva Stehle, located in room 2407C of Marie Mount Hall, will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102, with two full years, LATN 201. College credit is given to students who have earned 4 or 5 on the Advanced Placement Test in Latin.

French Department: Students who wish to register for FREN 101-203 must do so in accordance with the guidelines below. Exceptions may be granted only by written permission of the course chairperson. A student whose knowledge of French as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

Placement Guidelines:

FREN 101: For students who have never studied French or who have studied less than two years in high school.

FREN 102: For students who have completed FREN 101 on this campus.

FREN 103: For students with two years of high school French. This is a review of work normally completed by the end of Level 2. Students will not receive credit for FREN 103 if they have already received credit for FREN 102.

FREN 203: For students whose high school transcript shows completion of Level 3.

The French Department does not offer placement testing. For further assistance please contact the Language Supervisor at 405-4024.

Spanish Department. Students who wish to register for Spanish 101-211 must do so in accordance with the guidelines below. Any exception necessitates permission from the Department of Spanish and Portuguese. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 103, 201 or 202. See individual course description for more details.

A student whose knowledge of Spanish as deemed by the undergraduate advisor or the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 201 at another institution, are deemed to have satisfied the language requirement for Arts and Humanities.

Students will not receive credit for SPAN 103 if they already have credit for Spanish 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 211 (Intermediate Conversation), if taken subsequently.

Consult the Placement List below to determine the appropriate Spanish level you may register for. Please consult the Department Advisor for additional information.

Spanish 101
0 years of Spanish
Level 1 Spanish
Level 2 Spanish with a grade of C or below

Spanish 102
Spanish 101 at the University of Maryland or equivalent course at another university
Level 2 Spanish with a grade of A orB *(preferable placement is SPAN 103)*

Spanish 103
Level 2 Spanish with a grade of A or B
Level 3 Spanish with a grade of C or below
Native speakers or majors of another romance language

Spanish 201
Spanish 102 or 103 at the University of Maryland or equivalent course(s) at another university
Level 3 Spanish with a grade of A or B
Level 4 Spanish with a grade of C or below

Spanish 202 or 211
Spanish 201 at the University of Maryland or equivalent course(s) at another institution
Level 4 Spanish or higher with a grade of A or B

Spanish 206
For students who speak Spanish (e.g. have grown up speaking Spanish, have lived in a Spanish speaking country) but have little or no formal courses in Spanish

Spanish 207
Spanish 202 or concurrent registration in Spanish 202

Chinese Placement: Non-majors are required to have an interview with the program placement advisor. Dr. Scott McGinnis, before they will be permitted to enroll for any Chinese language course (except CHIN 213, 313, 314, 315, 403, 404, 421, 422.)

German and Spanish Placement Schedule: During the semester there will be placement testing in Room 0106, Shoemaker Building. Testing will be on Tuesday, September 1st at 2:00 p.m. and Wednesday, September 2nd at 3:00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein 314-7688 for an appointment.

College Foreign Language Requirements

College of Arts and Humanities Requirements: Students must demonstrate proficiency in a foreign language in one of the following ways.

1. Successful completion of a 12 credit sequence or intermediate level in college language courses.
2. Successful completion of level 4 in one language or level 2 in each of 2 languages in high school.
3. Successful completion of a language placement examination in one of the campus language departments offering such examinations.

College of Journalism Requirement. Completion, up to three courses with at least one course at the intermediate level and no more than one course at the introductory level. *(High School equivalency does not satisfy this requirement.)* Students may opt for a quantitative reasoning track in lieu of the language skills requirement.

Pass-Fail Option (Undergraduate Students)

1. To register for a course under the pass-fail option, an undergraduate must have completed 30 or more credit hours with a G.P.A. of at least 2.0. At least 15 of these credit hours must have been completed at UMCP with a University of Maryland G.P.A. of at least 2.0
2. Courses for which this option applies must be electives in the student's program. The courses may not be college, major, field of concentration, or general education program requirements.
3. Only one course per semester or one course per summer session may be registered for under the pass-fail option.
4. No more than 12 semester hours of credit may be taken under the pass-fail option during a student's college career.
5. Students may not choose this option when re-registering for a course.
6. When registering under the pass-fail option, a course that is *passed* will count as *hours* in the student's record but will not be computed in the grade point average. A course that is *failed* will appear on the student's record and will be computed both in the overall average and in the semester average.

NOTE: CHANGES OF GRADING OPTION MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES. GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

UMEI Program

Students enrolled in UMEI 001-004 are considered full-time students. If enrolled in UMEI 005 (semi-intensive), to meet the full-time requirement, undergraduate students must also register for 6-8 credits appropriate to their program.

Undergraduate Student Classifications

Freshman	1-27 semester hours	**Junior**	56-85 semester hours
Sophomore	28-55 semester hours	**Senior**	86 to at least 120 semester hours

**Zero level course work is not used in the calculation of cumulative credit hour totals.*

Zero-Level Courses

*** MATH 001* MATH 002***

These courses carry credit for billing and determination of full-time and part-time status. These courses are excluded from the calculation of semester and cumulative grade point averages.
MATH 001/002 fees are discussed under Fees and Expenses.

ACADEMIC INFO 41

Expectations for Advising

The following set of principles allows both students and advisors to have a clear understanding of their roles and individual responsibilities. Advising may be conducted at several levels and by different people. Each academic unit has the discretion in the establishment of its advising plan to address the issue of who provides the advising. Several types or advising are listed below:

- Basic advising directed at the identification and satisfaction of university, program, and departmental requirements.
- Advising directed at identifying and evaluating potential academic majors and careers.
- Advising directed at evaluating choices within academic majors.
- Advising upper-level students on career options, graduate school, etc.
- Advising that focuses on personal development. This is a mentoring process, which may or may not develop between a student and a faculty or staff member.

A student is entitled lo effective academic advising. The student can expect:

- Accurate and up-to-date information about departmental programs.
- Reasonable access to faculty and advisors throughout the semester.
- Adequate staffing to offer advising to all new students at orientation and all early registrations.
- Faculty and advisors with an up-to-date knowledge of departmental and university programs and requirements.
- Transfer evaluation completed within the first semester at UMCP for all students transferring to College Park.
- An individualized audit be prepared on request when the student has completed 75 credits and is within three semesters of his/her expected graduation.

At the same time that the student has expectations for the advising process, the advisor also has expectations. Among these expectations are:

- The student must recognize that the final responsibility for his/her education is his/her own. Advisors can only help.
- The student reads university, college. and departmental materials (such as the catalog, regulations listed in the schedule of classes, departmental handbooks, handouts about the options and sequences in the student's major) before coming to see an advisor.
- The student recognizes that there are different types of advising and different people to do the different types of advising. The student should ask appropriate questions for the different kinds of advisors. For example, faculty are best able lo advise on career opportunities, grad school, etc.; college advisors are probably best on university regulations; peer advisors know the most about individual professors, workload expectations. balancing the course load in a given semester. etc.
- The student understands that no single advisor can answer everything.
- The student should schedule an advising appointment well ahead of his/her registration appointment. It is unreasonable for the student to expect the advisor to drop what he/she is doing 15 minutes before the student's legislation appointment to help the student. Students unable to keep appointments should notify the advisor.
- The student prepares an academic plan and a proposed schedule of classes before coming to see an advisor. The student should bring these and other appropriate material lo the advising session.
- The student has an agenda for the advising session that includes items to be discussed and questions to be answered.

Academic Dishonesty

Academic dishonesty is a corrosive force in the academic life of a university. It jeopardizes the quality of education and depreciates the genuine achievements of others. Apathy or acquiescence in the presence of academic dishonesty is not a neutral act. **All members of the University Community—students, faculty, and staff—share the responsibility to challenge and make known acts of apparent academic dishonesty.**

Any of the following acts, when committed by a student, is an act of academic dishonesty; however, this is not an inclusive list.

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.

Comments:

1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

Comments:

1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of the Code of Student Conduct.

C. FACILITATING ACADEMIC DISHONESTY

Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.

Comments:

1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate indentation and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's *A Manual for Writers of Term Papers, Theses and Dissertations.)*
2. *Paraphase:* Prompt acknowledgment is required when material from another source is paraphrased or summarized in whole or in part in your own words. Paraphrasing is not reordering words in a sentence.
3. *"Borrowed Facts or Information":* Information that is obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged. Textbooks and course handouts are not considered common knowledge. Materials which contribute only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

Academic dishonesty is a serious offense which may result in suspension or expulsion from the University. The normal sanction for academic dishonesty is a grade of "XF," denoting "failure due to academic dishonesty." That grade will normally be recorded on the transcripts of students found responsible for acts of academic dishonesty in addition to any other action taken (e.g., suspension or expulsion).

A forty member Student Honor Council has the responsibility to investigate allegations of academic dishonesty and to convene Honor Boards to adjudicate charges. In specified circumstances, the Student Honor Council will accept petitions to remove the grade of "XF" from a transcript and replace it with the grade of "F."

TO REPORT ACADEMIC DISHONESTY CALL THE HONOR COUNCIL AT 314-8204

STUDENTS INTERESTED IN SERVING ON THE HONOR COUNCIL SHOULD CALL THE HONOR COUNCIL AT 314-8204

The *Code of Academic Integrity* is reprinted in full in the Undergraduate Catalog. For further information, contact the Student Honor Council, 2118 Mitchell Building (314-8204).

Attendance and Assessment Policy

Attendence

1.The University expects each student to take full responsibility for his or her academic work and academic progress. The student, to progress satisfactorily, must meet all of the requirements of each course for which he or she is registered. Students are expected to attend classes regularly, for consistent attendance offers the most effective opportunity open to all students to gain command of the concepts and materials of their courses of study. Except as provided below, absences will not be used in the computation of grades, and the recording of student absences will not be required of the faculty.

2. It is the policy of the University to excuse the absences of students that result from the following causes: illness of the student, or illness of a dependent as defined by Board of Regents policy on family and medical leave; religious observance (where the nature of the observance prevents the student from being present during the class period); participation in university activities at the request of University authorities; and compelling circumstance beyond the student's control. Students claiming excused absence must apply in writing and furnish documentary support for their assertion that absence resulted from one of these causes.

3. In some courses, attendance and in-class participation are ongoing requirements and an integral part of the work of the course. In other courses, occasional in-class assessments may occur, sometimes without advance notice. It is the responsibility of the instructor to inform each class at the beginning of the semester of the nature of in-class participation expected and the effect of absences on the evaluation of the student's work in the course.

4. Absences in courses where in-class participation is a significant part of the work of the course shall be handled by the instructor in the course in accordance with the general policy of his or her academic unit.

5. Permanent changes in the scheduling or location of classes must be approved by the chair, the director or the dean of the department, non-departmentalized school or college, as appropriate.

Assessment

1. The University provides students with excused absences the opportunity to reschedule significant assessments, except in cases where the nature of the assessment precluded the possibility of rescheduling, OR to perform a substitute assignment without penalty. An instructor is not under obligation to offer a substitute assignment or to give a student a make-up assessment unless the failure to perform was due to an excused absence, that is, due to illness (of the student or a dependent), religious observance (where the nature of the observance prevents the student from being present during the class period), participation in University activities at the request of University authorities, or compelling circumstances beyond the student's control. Students claiming excused absence must apply in writing and furnish documentary support for their assertion that absence resulted from one of these causes.

The make-up assessment or substitute assignment must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, and be at a comparable level of difficulty with the original assessment. In the event that a group of students requires the same make-up assessment or substitute assignment, one time and place may be scheduled. The make-up assessment or substitute assignment must not interfere with the student's regularly scheduled classes or in-class final examination.

Students who have a concern regarding religious observances should see their instructors at the start of the semester. Although the University attempts to accommodate the religious beliefs of all of its members, it functions within a secular environment and is limited in the extent to which it can interrupt its normal operations. The President shall determine when it is appropriate for the campus community to restrict rescheduling examinations or other significant assessments on the dates of religious observance.

At this time, examinations or other significant assessments may not be scheduled on Rosh Hoshanah, Yom Kippur, Good Friday, or the first two days of Passover.

In cases of dispute, the student may appeal to the chair, the director or the dean of the department, non-departmentalized school or college offering the course within one week from the date of the refusal to schedule a make-up assessment. In those instances where the instructor is the chair, director or dean, the appeal shall be made to the next higher administrative officer, whose decision shall be final.

2. The student must notify his or her instructor of the reason for absence as soon as possible. Where the reason for absence from a scheduled assessment is known well in advance (for example, in cases of religious observance or participation in university activities at the request of University authorities), the student must inform the instructor by the end of the schedule adjustment period. Prior notification is especially important in connection with final examinations, since failure to reschedule a final examination before conclusion of the final examination period may result in loss of credits during the semester. Where the reason is not known well in advance (for example, in cases of illness or compelling circumstances beyond the student's control), the student must inform the instructor as soon as the reason develops, or as soon as possible after its development.

3. Ordinarily, assessments are given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the schedule of Classes. No less than seven calendar days' notice shall be given for assessments scheduled at other times and places. It shall be the instructor's responsibility to ensure that the change in schedule does not interfere with any student's regularly scheduled classes or in-class final examinations. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests, and examinations. Performance assessments may take a variety of forms and need not be classroom-based written examinations.

4. A final examination shall be given in every undergraduate course. Exceptions may be made with the written approval of the chair, the director or the dean of the department, non-departmentalized school or college, as appropriate. However, a student's final course grade shall be based on a combination of assessments that is at least the equivalent of a comprehensive final examination. No final examination or equivalent may be given or due during the last week of classes. All in-class final examinations must be held on the date and at the time listed in the Official Final Examination Schedule. Out-of-class final examination or equivalent assessments shall be due on the date and at a time listed in the Official Final Examination Schedule.

5. The chair, the director or the dean of the department, non-departmentalized school or college, as appropriate, is responsible for the adequate administration of assessments in courses under his or her jurisdiction.

6. No in-class assessment shall exceed the allotted time for a regularly scheduled class period. In the case of in-class final examinations, the time allotted shall not exceed the scheduled final examination period.

7. Each student shall be given the instructions and performance requirements for all assessments intended to require more than one-half class period in a form translatable to hard copy, unless the chair, the director or the dean of the department, non-departmentalized school or college, as appropriate, has authorized another procedure. The instructions and requirements of the assessment shall be archived in an appropriate medium in a suitable place.

8. The following rules shall govern all in-class examinations, unless the instructor for a specific course stipulates alternate rules for that course. A breach of any of the rules shall constitute "disruption of class," a disciplinary offense (Code of Student Conduct, section 9.m.), or may serve as the basis of an allegation of academic dishonesty.

a. Students arriving late for an examination may not unreasonably disrupt the examination room.
b. Students must leave all unauthorized materials (e.g., books, notes, calculators) with the proctor before being seated.
c. Where seating arrangements are established by proctors, student must conform to these arrangements.

d. Students may not return to an examination room after leaving, unless permission to do so has been granted by the proctor prior to the student's departure.
e. Students must cease conversation prior to the passing out of examination papers and maintain silence during the entire examination period.
f. Students must place examination papers face down on the writing desk until the examination is officially begun by the proctor.
g. Students must keep examination papers flat on the writing desk at all times.
h. Students at an examination must be prepared to show current University identification.

9. Each faculty member is to retain, for one full semester after a course is ended, the students' final assessments in the appropriate medium. If a faculty member goes on leave for a semester or longer, or leaves the University, the final assessments and grade records for the course must be left with the chair, the director or the dean of the department, non-departmentalized school or college, as appropriate.

Family Rights and Privacy Act

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University of Maryland, College Park

Welcome to the Fall 1998 Schedule of Classes, Second Edition

Here's how to read the course listings . . . .

A B C D E

AASP101 Public Policy and the Black Community; (3) REG/P-F/AUD. CORE: SB *Formerly AASP 300.*

F G H I J

0101 **(00016)** Williams, R. TuTh 11:00pm-12:15pm (LEF 2166)

A Course number and title
B Number of credits (in parentheses)
C Available grading methods
D CORE category code for which the course is approved (if any) - see footnotes running at the bottom of each page for interpretation.
E Course notes, prerequisites, permission requirements, restrictions, etc.
F Section number
G MARS index number (in parentheses)
H Instructor - STAFF indicates that an instructor has not yet been assigned.
I Class meeting days and times
J Class meeting location - see the map in the middle of the Schedule to find buildings, translation of their three-letter codes, and a locator grid.

Course listings were current when this Schedule of Classes went to press. For up-to-date offerings and seat counts, go to the Fall 1998 Schedule on the Web: *www.testudo.umd.edu.*

AASP Afro-American Studies (Behavioral and Social Sciences)

AASP100 Introduction to Afro-American Studies; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(00001)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 10:00am-10:50am (LEF 1201) Dis
0102 **(00002)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 11:00am-11:50am (LEF 1201) Dis
0103 **(00003)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 12:00pm-12:50pm (HZF 1106) Dis
0104 **(00004)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 9:00am-9:50am (LEF 1201) Dis
0105 **(00005)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 10:00am-10:50am (HZF 1106) Dis
0106 **(00006)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 11:00am-11:50am (HZF 1106) Dis
0107 **(00007)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 10:00am-10:50am (MCB 1207) Dis
0108 **(00008)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 11:00am-11:50am (MCB 1207) Dis

AASP101 Public Policy and the Black Community; (3) REG/P-F. CORE: SB *Formerly AASP 300.*
0101 **(00016)** Williams, R.
TuTh 11:00am-12:15pm (LEF 2166)

AASP202 Black Culture in the United States; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(00026)** George, E.
MW 10:00am-10:50am (SHM 2102)
F 10:00am-10:50am (ARM 0116) Dis
0102 **(00027)** George, E.
MW 10:00am-10:50am (SHM 2102)
F 10:00am-10:50am (LEF 2166) Dis
0103 **(00028)** George, E.
MW 10:00am-10:50am (SHM 2102)
F 11:00am-11:50am (TLF 1101) Dis
0104 **(00029)** George, E.
MW 10:00am-10:50am (SHM 2102)
F 11:00am-11:50am (LEF 2166) Dis
0105 **(00030)** George, E.
MW 10:00am-10:50am (SHM 2102)
F 12:00pm-12:50pm (KEY 0126) Dis
0106 **(00031)** George, E.
MW 10:00am-10:50am (SHM 2102)
F 9:00am-9:50am (LEF 1220) Dis
0107 **(00032)** George, E.
MW 10:00am-10:50am (SHM 2102)
F 10:00am-10:50am (PHY 1221) Dis
0108 **(00033)** George, E.
MW 10:00am-10:50am (SHM 2102)
F 11:00am-11:50am (PHY 1221) Dis

AASP298J Special Topics in Afro-American Studies: Afro-American History to 1865; (3) REG/P-F/AUD.
0101 **(51802)** Barkley Brown, E.
MW 2:00pm-3:15pm (HJP 1229)

AASP298L Special Topics in Afro-American Studies: Introduction to African-American Literature; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0201 **(51807)** Mondic, L.
TuTh 11:00am-12:15pm (TLF 2101)
0601 **(51811)** Mondic, L.
TuTh 9:30am-10:45am (WDS 1114)
0701 **(51812)** Singer, M.
MWF 10:00am-10:50am (SQH 2122)
0801 **(51813)** Wanko, F.
TuTh 12:30pm-1:45pm (WDS 1114)

AASP298T Special Topics in Afro-American Studies: African-Americans in Film; (3) REG/P-F/AUD.
0101 **(51814)** Coustaut, C.
MW 10:00am-11:50am (TWS 0147)

AASP298V Special Topics in Afro-American Studies: The Blues as a Cultural Art Form; (3) REG/P-F/AUD.
0101 **(00041)** Page, C.
W 1:00pm-3:30pm (NCC 0130)

AASP298W Special Topics in Afro-American Studies: Introduction to Creative Writing; (3) REG/P-F/AUD. This course is cross-listed with ENGL 294N.
0101 **(00051)** Russell, V.
TuTh 3:30pm-5:00pm (NCC 0120)

AASP301 Applied Policy Analysis and the Black Community; (3) REG/P-F/AUD. *Prerequisite: (AASP 101 and ECON 201) or (AASP 101 and ECON 203). Recommended: one semester of statistics.*
0101 **(00061)** Walters, R.
Tu 6:00pm-8:30pm (LEF 2208)

AASP303 Computer Applications in Afro-American Studies; (3) REG/P-F/AUD. *Prerequisite: STAT 100 or SOCY 201 or MATH 111 or equivalent.*
0101 **(00071)** Chan, T.
M 7:00pm-9:30pm (TYD 1128)

AASP312 Social and Cultural Effects of Colonization and Racism; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: AASP 100 or AASP 202.*
0101 **(00081)** Walters, R.
Th 2:00pm-4:30pm (LEF 2166)

AASP386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: permission of department. 56 semester hours.*
0101 **(00091)** McCarty, J.
W 4:00pm-6:30pm (LEF 2169H)

AASP397 *(PermReq)* **Senior Thesis; (3)** REG/P-F/AUD. *Prerequisites: AASP 305; and permission of department.*
0101 **(00101)** Chateauvert, M.
M 1:00pm-2:30pm (LEF 2169D)
0201 **(00102)** Harley, S.
TBA (LEF 2169F)
0301 **(00103)** Wilson, F.
TBA (LEF 2169B)
0401 **(00104)** Wilson, E.
TBA (TYD 0145)
0501 **(00105)** Johnson, O.
TBA (TYD 3140)
0601 **(00106)** Walters, R.
TBA (LEF 2169A)
0701 **(00107)** Williams, R.
Tu 1:00pm-2:30pm (LEF 2169C)

AASP398L Selected Topics in the African Diaspora: Slavery and Race Relations in Latin America; (3) REG/P-F/AUD. DIVERSITY
0101 **(51799)** Wright, W.
TuTh 12:30pm-1:45pm (KEY 1117)

AASP398N Selected Topics in the African Diaspora: African-American Representations in Film and Literature; (3) REG/P-F/AUD.
0101 **(51804)** STAFF
TuTh 9:30am-10:45am (SQH 1121)

AASP398T Selected Topics in the African Diaspora: Gender, Sexuality, and the Black Family; (3) REG/P-F/AUD.
0101 **(00108)** Chateauvert, M.
W 12:00pm-2:30pm (LEF 1222)

AASP398Z Selected Topics in the African Diaspora: The Black Atlantic World (1450-1900); (3) REG/P-F/AUD.
0101 **(51800)** Palmie, S.
TuTh 12:00pm-1:15pm (KEY 0124)

AASP400 Directed Readings in Afro-American Studies; (3) REG/P-F/AUD. *Prerequisite: AASP 100 or AASP 202.*
0101 **(00127)** Wilson, F.
M 2:00pm-4:30pm (HBK 1112)

AASP400H *(PermReq)* **Directed Readings in Afro-American Studies; (3)** REG/P-F/AUD. *Prerequisite: AASP 100 or AASP 202.* For general honors students only.
0101 **(00137)** Wilson, F.
M 2:00pm-4:30pm (HBK 1112)

AASP411 Black Resistance Movements; (3) REG/P-F/AUD. *Prerequisite: AASP 100.*
0101 **(00147)** Chateauvert, M.
MW 3:00pm-4:15pm (SQH 1121)

AASP443 Blacks and the Law; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: AASP 100 or AASP 202 or HIST 255 or permission of department.*
0101 **(00148)** Banks, T.
W 3:00pm-5:30pm (SQH 1117)

AASP468S Special Topics in Africa and the Americas: Readings in Southern African History; (3) REG/P-F/AUD.
0101 **(51801)** Bravman, W.
MW 2:00pm-3:15pm (KEY 0121)

AASP478P Humanities Topics in Afro-American Studies: African-American Literature: 1945 to Present; (3) REG/P-F/AUD. This course is cross-listed with ENGL 472.
0101 **(00157)** King, N.
MWF 9:00am-9:50am (SQH 1117)

AASP498C Special Topics in Black Culture: Caribbean Arts; (3) REG/P-F/AUD.
0101 **(51806)** Holland, J.
TuTh 11:00am-12:15pm (ASY 3219)

AASP498F Special Topics in Black Culture: African-American Families; (3) REG/P-F/AUD. This course is cross-listed with THET 240.
0101 **(51818)** Dargan, V.
TuTh 2:00pm-3:15pm (MMH 1402)

AASP498Q Special Topics in Black Culture: Women of the African Diaspora; (3) REG/P-F/AUD.
0101 **(51803)** Bolles, A.
M 2:00pm-4:30pm (WDS 1114)

AASP498T Special Topics in Black Culture: Twentieth-Century African-American Art; (3) REG/P-F/AUD.
0101 **(51805)** Holland, J.
TuTh 2:00pm-3:15pm (ASY 3211)

AASP498W Special Topics in Black Culture: Black Women in United States History; (3) REG/P-F/AUD. Prerequisite: AASP 100 or AASP 202.
0101 **(00177)** STAFF
W 2:00pm-4:30pm (TYD 0101)

AASP499B Advanced Topics in Public Policy and the Black Community: African-American Political Participation in American Politics; (3) REG. Applicable as an upper level elective for both the public policy and the social and cultural analysis concentration.
0101 **(00187)** Brazile, D.
W 7:00pm-9:40pm (TLF 1101)

AASP499G Advanced Topics in Public Policy and the Black Community: Government and Politics of Africa; (3) REG/P-F/AUD.
0101 **(00197)** Wilson, E.
TuTh 2:00pm-3:15pm (TYD 0102)

AASP499K Advanced Topics in Public Policy and the Black Community: The Comparative Politics of Race Relations; (3) REG/P-F/AUD.
0101 **(00207)** Johnson, O.
TuTh 2:00pm-3:15pm (HJP 2242)

AGNR Agriculture and Natural Resources (Agriculture and Natural Resources)

AGNR105 Introduction to Agriculture and Natural Resources; (1) REG. *Formerly AGRI 105.*
0101 **(00475)** Slaughter, L.
Tu 10:00am-10:50am (PLS 1117)

AGNR386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: permission of department. Formerly AGRI 386.*
0101 **(00524)** Grant, L.
Time and room to be arranged

AGNR389 *(PermReq)* **Selected Topics; (1-3)** REG.
0101 **(00534)** Rivera, W.
Time and room to be arranged
0501 **(00535)** Grant, L.
Time and room to be arranged

AGNR401 Agricultural Support Systems in Developing Countries; (3) REG/P-F/AUD. DIVERSITY *Formerly AGRI 401.*
0101 **(00536)** Rivera, W.
TuTh 9:30am-10:45am (Arranged)

AGNR626 Program Development in Adult and Continuing Education; (3) REG. *Formerly AGRI 626.*
0101 **(00545)** Rivera, W.
M 7:00pm-9:40pm (SYM 0115)

AGNR691 Research Methods in Adult and Continuing Education; (3) REG/AUD. *Formerly AGRI 691.*
0101 **(00555)** Rivera, W.
Tu 5:00pm-7:40pm (SYM 0115)

AGNR699 *(PermReq)* **Special Problems; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

AGNR799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

AGNR899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

AGRO Agronomy
(Agriculture and Natural Resources)

AGRO101 Introductory Crop Science; (4) REG/P-F/AUD. CORE: LL *Credit will be granted for only one of the following: AGRO 101 or AGRO 100 and AGRO 102.* Offered fall only.
0101 **(00654)** Glenn, D.
MW 11:00am-11:50am (PLS 1130)
MW 12:00pm-1:50pm (HJP 1104) Lab
0102 **(00655)** Glenn, D.
MW 11:00am-11:50am (PLS 1130)
MW 2:00pm-3:50pm (HJP 1104) Lab

AGRO105 Soil and Environmental Quality; (3) REG/P-F/AUD. CORE: LS
0101 **(00665)** Weil, R.
TuTh 12:30pm-1:20pm (HJP 0226)
Tu 8:30am-9:20am (HJP 0103) Dis
0102 **(00666)** Weil, R.
TuTh 12:30pm-1:20pm (HJP 0226)
Tu 4:00pm-4:50pm (HJP 0103) Dis
0103 **(00667)** Weil, R.
TuTh 12:30pm-1:20pm (HJP 0226)
W 12:00pm-12:50pm (HJP 0103) Dis
0105 **(00668)** Weil, R.
TuTh 12:30pm-1:20pm (HJP 0226)
Th 11:00am-11:50am (HJP 0103) Dis
0106 **(00669)** Weil, R.
TuTh 12:30pm-1:20pm (HJP 0226)
M 4:00pm-4:50pm (HJP 0103) Dis

AGRO305 Introduction to Turf Management; (3) REG/P-F/AUD. *Formerly AGRO 405.* Offered fall only.
0101 **(00681)** Carroll, M.
Tu 7:00pm-9:00pm (HJP 1104)
Th 7:00pm-9:00pm (HJP 1104) Lab

AGRO308 *(PermReq)* **Field Soil Morphology; (1)** REG/P-F/AUD. Offered fall only.
0101 **(00691)** Rabenhorst, M.
Time and room to be arranged

AGRO386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

AGRO398 Senior Seminar; (1) REG/P-F/AUD.
0101 **(00727)** Glenn, D.
M 4:00pm-5:30pm (PLS 1117)

AGRO414 Soil Morphology, Genesis and Classification; (4) REG/P-F/AUD. *Prerequisite: AGRO 202.* Offered fall only.
0101 **(00747)** Fanning, D.
MWF 9:00am-9:50am (HJP 1104)
W 2:00pm-5:00pm (HJP 0103) Lab

AGRO423 Soil-Water Pollution; (3) REG/P-F/AUD. *Prerequisites: AGRO 202 and CHEM 104 or permission of department.* Offered fall only.
0101 **(00757)** Steinhilber, P.
TuTh 9:30am-10:45am (HJP 1104)

AGRO440 Crop, Soils, and Civilization; (3) REG/P-F/AUD. DIVERSITY
0101 **(00767)** James, B.
MWF 11:00am-11:50am (HJP 1104)

AGRO453 Weed Science; (3) REG/P-F/AUD. Offered fall only.
0101 **(00787)** Glenn, D.
TuTh 12:00pm-12:50pm (HJP 1104)
Tu 3:00pm-4:50pm (HJP 1104) Lab

AGRO499 *(PermReq)* **Special Problems in Agronomy; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AGRO499A *(PermReq)* **Special Problems in Agronomy: Soil Judging; (1)** REG/P-F/AUD.
0101 **(00984)** Rabenhorst, M.
Time and room to be arranged

AGRO608 *(PermReq)* **Research Methods; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AGRO608T *(PermReq)* **Research Methods: Teaching Methods in Agronomy; (1-3)** REG/AUD.
0101 **(00848)** Slaughter, L.
Time and room to be arranged

AGRO711 Advanced Plant-Soil Relationship; (2) REG/AUD. *Prerequisite: AGRO 411.*
0101 **(00858)** Weil, R.
TuTh 3:00pm-3:50pm (HJP 0103)

AGRO722 *(PermReq)* **Advanced Soil Chemistry; (3)** REG/AUD. *Prerequisites: AGRO 302 and permission of both department and instructor.*
0101 **(00868)** James, B.
MWF 9:00am-9:50am (PLS 1172)

AGRO789 Advances in Agronomy Research; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AGRO789B Advances in Agronomy Research: Methods in Pedological Investigations; (1-4) REG/AUD.
0101 **(00901)** Rabenhorst, M.
TuTh 11:00am-11:50am (HJP 1109D)
TuTh 1:00pm-4:00pm (HJP 1109D) Lab

AGRO789C Advances in Agronomy Research; (1-4) REG/AUD.
0101 **(00902)** James, B.
Tu 3:30pm-4:45pm (PLS 1130)

AGRO798 Agronomy Seminar; (1) REG/AUD.
0101 **(00911)** STAFF
MW 12:00pm-1:00pm (PLS 1130)

AGRO799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for M.S. degree.

AGRO805 Advanced Crop Physiology; (2) REG/AUD. *Prerequisites: BOTN 441 or BOTN 641; plus advanced training in plant sciences.*
0101 **(00948)** Mulchi, C.
TuTh 1:00pm-1:50pm (HJP 1104)

AGRO899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D. degree.

AMST American Studies
(Arts and Humanities)

AMST201 Introduction to American Studies; (3) REG/P-F. CORE: HO
0101 **(01033)** Johansen, B.
MWF 10:00am-10:50am (TLF 2101)
0301 **(01034)** Johansen, B.
MWF 12:00pm-12:50pm (TLF 2101)
0401 **(01035)** Liljenquist, R.
MWF 1:00pm-1:50pm (TLF 1101)
0801 **(01036)** Hummell, R.
TuTh 11:00am-12:15pm (TLF 1101)
1401 **(01037)** Hummell, R.
TuTh 9:30am-10:45am (TLF 1103)

AMST201+ Introduction to American Studies; (3) REG/P-F/AUD. CORE: HO Restricted to College Park Scholars - American Cultures.
1001 **(01047)** DeRuyver, D.
TuTh 12:30pm-1:45pm (TLF 1103)
1101 **(01048)** DeRuyver, D.
TuTh 9:30am-10:45am (TLF 2101)
1301 **(01049)** Korr, J.
MWF 11:00am-11:50am (TLF 2101)

AMST203 Popular Culture in America; (3) REG/P-F. CORE: HO
0101 **(01059)** Conroy, M.
MWF 11:00am-11:50am (TLF 1103)

AMST204 Film and American Culture Studies; (3) REG/P-F. CORE: HO
0101 **(01069)** Hilbish, D.
TuTh 8:00am-9:15am (TLF 2101)

AMST205 Material Aspects of American Life; (3) REG. CORE: HA
0101 **(01079)** Jenkins, V.
MWF 10:00am-10:50am (TLF 1103)
0201 **(01080)** Williams, P.
MW 11:00am-12:15pm (EGR 3140)
0301 **(01081)** Williams, P.
MW 9:30am-10:45am (EGR 3140)
0401 **(01082)** STAFF
MWF 1:00pm-1:50pm (LEF 1221)

AMST207 Contemporary American Cultures; (3) REG. CORE: SB DIVERSITY
0101 **(01092)** Taylor, D.
TuTh 11:00am-12:15pm (TLF 1103)
0201 **(01093)** Taylor, D.
TuTh 9:30am-10:45am (PLS 1111)

AMST211 Technology and American Culture; (3) REG. CORE: HO
0101 **(01103)** Silver, D.
TuTh 9:30am-10:45am (VMH 2203)
0201 **(01104)** Silver, D.
TuTh 11:00am-12:15pm (VMH 2203)

AMST298C Selected Topics in American Studies: Asian American Experience; (3) REG/P-F. DIVERSITY
0101 **(01114)** Liu, W.
W 5:00pm-8:00pm (PLS 1130)

AMST330 Critics of American Culture; (3) REG/P-F/AUD. *Prerequisite: prior course in AMST, HIST, or SOCY.*
0101 **(01125)** Mintz, L.
MWF 1:00pm-1:50pm (TLF 1103)

AMST386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

AMST398 *(PermReq)* **Independent Studies; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

AMST418D Cultural Themes in America: Growing Up American; (3) REG/P-F/AUD.
0101 **(01150)** Kelly, R.
TuTh 9:30am-10:45am (TYD 0102)

AMST428B American Cultural Eras: American Film Culture in the 1960's; (3) REG/P-F/AUD. *Prerequisite: a course in one of the following — AMST, film, twentieth-century American history, ARTH, or SOCY.*
0101 **(01160)** Hilbish, D.
TuTh 11:00am-12:15pm (Arranged)

AMST450 *(PermReq)* **Seminar in American Studies; (3)** REG. *Prerequisite: nine hours prior coursework in American Studies, including AMST 201. Senior standing. For AMST majors only.*
0101 **(01170)** Lounsbury, M.
TuTh 12:30pm-1:45pm (TLF 2137)

AMST601 Introductory Seminar in American Studies; (3) REG.
0101 **(01180)** Kelly, R.
Tu 3:30pm-6:00pm (TLF 2137)

AMST628B Seminar in American Studies: Popular Culture; (3) REG/AUD.
0101 **(01190)** Mintz, L.
M 4:00pm-6:40pm (TLF 1103)

AMST628M Seminar in American Studies: Culture Communications; (3) REG/AUD.
0101 **(01200)** Lounsbury, M.
Th 4:00pm-6:40pm (TLF 1101)

AMST628Q Seminar in American Studies: Material Culture; (3) REG/AUD.
0101 **(01210)** Sies, M.
W 4:00pm-6:40pm (TLF 1103)

AMST629A Seminar in American Studies: Ethnography and American Culture Studies; (3) REG/AUD. Research begun in this class may be continued in spring.
0101 **(01230)** Caughey, J.
M 7:00pm-9:40pm (Arranged)

AMST638 Orientation Seminar: Material Aspects of American Civilization; (3) REG/AUD. Class meets at the Smithsonian Museum of American History on Thursdays from 1-4pm. Class begins on August 27. Taught by Edie Mayo and Bernard Mergen.
0101 **(01240)** STAFF
Meets 08/27/98-12/03/98
Th 1:00pm-4:00pm (Arranged)

AMST638C Orientation Seminar: Material Aspects of American Civilization: Introduction to Museum Studies; (3) REG/AUD. Class meets at the Museum of American History, West Conference Room. Class begins on August 26. Taught by B. Finn and E. Hughes. Also offered as HIST 619C.
0101 **(01250)** Finn, B.
W 3:30pm-6:00pm (Arranged)

AMST639A *(PermReq)* **Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; (3)** REG/AUD. Class meets at the Smithsonian Arts and Industries Building on Thursdays from 10am-12:30pm. Class begins August 27.
0101 **(01260)** Carson, B.
Meets 08/27/98-12/03/98
Time and room to be arranged

AMST698 *(PermReq)* **Directed Readings in American Studies; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

AMST799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

AMST899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ANSC Animal Science
(Agriculture and Natural Resources)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

ANSC101 Principles of Animal Science; (3) REG/P-F/AUD. Course is offered in fall semester only.
0101 **(01368)** Dahl, G.
MW 1:00pm-1:50pm (ANS 0408)
Tu 12:00pm-1:50pm (ANS 1144) Lab
0102 **(01369)** Dahl, G.
MW 1:00pm-1:50pm (ANS 0408)
Tu 2:00pm-3:50pm (ANS 1144) Lab
0103 **(01370)** Dahl, G.
MW 1:00pm-1:50pm (ANS 0408)
Th 12:00pm-1:50pm (ANS 1144) Lab
0104 **(01371)** Dahl, G.
MW 1:00pm-1:50pm (ANS 0408)
Th 2:30pm-4:20pm (ANS 1144) Lab
0105 **(01372)** Dahl, G.
MW 1:00pm-1:50pm (ANS 0408)
W 10:00am-11:50am (ANS 1144) Lab

ANSC211 Anatomy of Domestic Animals; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BIOL 105.* Course is offered in fall semester only.
0101 **(01382)** Gasper, P.
MWF 2:00pm-2:50pm (ANS 0408)
M 3:00pm-4:50pm (ANS 4132) Lab
0102 **(01383)** Gasper, P.
MWF 2:00pm-2:50pm (ANS 0408)
W 3:00pm-4:50pm (ANS 4132) Lab
0103 **(01384)** Gasper, P.
MWF 2:00pm-2:50pm (ANS 0408)
F 11:00am-12:50pm (ANS 4132) Lab

ANSC215 Comparative Animal Nutrition; (3) REG/P-F/AUD. *Prerequisites: ANSC 101 and (CHEM 104 or CHEM 233). Formerly ANSC 402.* Course is offered in fall semester only.
0101 **(01394)** Soares, J.
MWF 11:00am-11:50am (ANS 0408)

ANSC220 Livestock Management; (4) REG/P-F/AUD. *Prerequisite: ANSC 101. Formerly ANSC 221.* Course is offered in fall semester only. One Saturday field trip will be October 31, 1998. The other field trip - to be announced.
0101 **(01404)** Hartsock, T.
TuTh 9:30am-11:30am (ANS 0408)
Th 11:30am-12:30pm (ANS 0408) Dis

ANSC252 Introduction to the Diseases of Wildlife; (3) REG/P-F/AUD. *Prerequisite: BIOL 105 or equivalent or permission of department.* Course is offered in fall semester only.
0101 **(01414)** Driscoll, C.
M 4:00pm-5:50pm (ANS 0408)
M 6:00pm-6:50pm (ANS 0408) Dis
0102 **(01415)** Driscoll, C.
M 4:00pm-5:50pm (ANS 0408)
W 5:00pm-5:50pm (ANS 0408) Dis
0103 **(01416)** Driscoll, C.
M 4:00pm-5:50pm (ANS 0408)
W 4:00pm-4:50pm (ANS 0408) Dis

ANSC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

ANSC399 *(PermReq)* **Special Problems in Animal Science; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANSC413 Laboratory Animal Management; (3) REG/P-F/AUD. Course is offered in fall semester only.
0101 **(01483)** Nepote, K.
WF 1:00pm-1:50pm (ANS 0412)
F 2:00pm-4:50pm (ANS 1144) Lab

ANSC446 Physiology of Mammalian Reproduction; (3) REG/P-F/AUD. *Prerequisite: ZOOL 422 or ANSC 212.* Course is offered in fall semester only.
0101 **(01503)** Varner, M.
TuTh 2:00pm-3:30pm (ANS 0408)

ANSC447 Physiology of Mammalian Reproduction Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: ANSC 446.*
0101 **(01513)** Varner, M.
W 3:00pm-5:00pm (ANS 1144)

ANSC451 Dairy Products Processing; (3) REG. *Recommended: CHEM 103 or equivalent. Formerly NFSC 451.*
0101 **(01523)** Rankin, S.
MW 1:00pm-2:00pm (ANS 0402)
F 1:00pm-3:00pm (ANS 0402) Lab

ANSC455 Applied Animal Behavior; (3) REG/P-F/AUD. *Prerequisites: (ANSC 101 or BIOL 106) and BIOL 222.* Course is offered in fall semester only.
0101 **(01533)** Stricklin, W.
MF 10:00am-10:50am (ANS 0412)
W 10:00am-11:50am (ANS 0412) Lab

ANSC489 Current Topics in Animal Science; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANSC489D Current Topics in Animal Science: Animal Management Practicum; (2) REG/P-F/AUD. Prerequisite: ANSC 101. Three additional hours per week to be arranged. Contact ANSC undergraduate office for information. Mandatory Saturday field trip is October 31, 1998.
0101 **(01568)** Keyser, R.
W 3:00pm-5:50pm (ANS 0412)

ANSC489F Current Topics in Animal Science: Introduction to Aquaculture and Propogation of Striped Bass; (2) REG/P-F/AUD.
0101 **(01569)** Woods, L.
TuTh 1:00pm-1:50pm (ANS 3105)

ANSC489I Current Topics in Animal Science: Endocrinology; (2) REG/P-F/AUD. Prerequisite: ANSC 212.
0101 **(01578)** Dahl, G.
TuTh 8:00am-9:00am (ANS 0402)

ANSC612 Energy Nutrition; (3) REG/AUD. *Prerequisite: [ANSC 401 or NFSC 450, and BCHM 461] or permission of instructor.*
0101 **(01588)** STAFF
MW 8:30am-9:45am (ANS 0402)

ANSC660 Poultry Literature; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANSC687 Veterinary Virology; (3) REG/AUD. *Prerequisite: MICB 460.*
0101 **(01603)** Dutta, S.
TuTh 1:30pm-3:00pm (ANS 0412)

ANSC688I Special Topics: Advanced Endocrinology; (3) REG/AUD.
0101 **(01604)** Porter, T.
Time and room to be arranged

ANSC698C Seminar: Recent Advances in Animal and Avian Sciences; (1) REG/AUD.
0101 **(01613)** Stricklin, W.
Tu 11:30am-12:30pm (ANS 0408)

ANSC699 *(PermReq)* **Special Problems in Animal Science; (1-2)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANSC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ANSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ANTH Anthropology
(Behavioral and Social Sciences)

ANTH240 Introduction to Archaeology; (3) REG/P-F/AUD. CORE: SB DIVERSITY *Credit will be granted for only one of the following: ANTH 240 or ANTH 241. Formerly ANTH 241.*
0101 **(01749)** Shapiro, J.
TuTh 12:30pm-1:20pm (HJP 2242)
Tu 11:00am-11:50am (SYM 1308) Dis
0102 **(01750)** Shapiro, J.
TuTh 12:30pm-1:20pm (HJP 2242)
Th 11:00am-11:50am (SYM 1308) Dis
0103 **(01751)** Shapiro, J.
TuTh 12:30pm-1:20pm (HJP 2242)
Tu 2:00pm-2:50pm (WDS 1127) Dis
0201 **(01752)** Leone, M.
MWF 10:00am-10:50am (WDS 1114)

ANTH260 Introduction to Sociocultural Anthropology and Linguistics; (3) REG. CORE: SB DIVERSITY *Credit will be granted for only one of the following: ANTH 102 or ANTH 260. Formerly ANTH 102.*
0101 **(01762)** Freidenberg, J.
TuTh 9:30am-10:20am (SHM 2102)
Tu 11:00am-11:50am (KEY 0124) Dis
0102 **(01763)** Freidenberg, J.
TuTh 9:30am-10:20am (SHM 2102)
Th 11:00am-11:50am (ARM 0117) Dis
0103 **(01764)** Freidenberg, J.
TuTh 9:30am-10:20am (SHM 2102)
Tu 12:30pm-1:20pm (JMZ 0118) Dis
0201 **(01765)** Williams, A.
MW 10:00am-10:50am (TYD 1101)
M 12:00pm-12:50pm (WDS 1131) Dis
0202 **(01766)** Williams, A.
MW 10:00am-10:50am (TYD 1101)
W 12:00pm-12:50pm (WDS 1131) Dis
0203 **(01767)** Williams, A.
MW 10:00am-10:50am (TYD 1101)
F 12:00pm-12:50pm (KEY 0124) Dis

ANTH328L Human-Plant Interactions; (3) REG.
0101 **(01777)** Jackson, F.
Tu 8:00am-10:40am (PLS 1176)

ANTH368D Regional Ethnography: Women of the African Diaspora; (3) REG/P-F/AUD.
0101 **(01787)** Bolles, A.
M 2:00pm-4:30pm (WDS 1114)

ANTH368F Regional Ethnography: Film Images of Native America; (3) REG/P-F/AUD.
0101 **(01797)** Williams, A.
W 6:00pm-8:40pm (WDS 1114)

ANTH368M Regional Ethnography: Native Cultures of Mesoamerica; (3) REG/P-F/AUD.
0101 **(01817)** Williams, A.
MWF 1:00pm-1:50pm (WDS 1114)

ANTH368S Regional Ethnography: Asian American Women; (3) REG/P-F/AUD.
0101 **(01827)** Kim, S.
TuTh 2:00pm-3:15pm (WDS 1130)

ANTH380 Culture and Discourse; (3) REG/P-F/AUD. *Prerequisite: ANTH 260 or equivalent or permission of department. Recommended: LING 200 or equivalent. Credit will be granted for only one of the following: ANTH 380 or ANTH 371. Formerly ANTH 371.* Offered fall only.
0101 **(01837)** Kedar, L.
TuTh 8:00am-9:15am (WDS 1114)

ANTH386 *(PermReq)* **Experiential Learning; (3-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. Recommended: completion of advanced courses in relevant subfield of anthropology. 56 semester hours. For ANTH majors only.*

ANTH398A *(PermReq)* **Independent Study: Research Problems; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ANTH398R Independent Study: Proseminar-Capstone Research; (1) REG/P-F/AUD. Required course for ANTH students undertaking capstone research and/or thesis (must be taken concurrently with ANTH 476, ANTH 477, ANTH 486, ANTH 487).
0101 **(01873)** Stuart, W.
W 2:00pm-3:00pm (WDS 0104)

ANTH398T Independent Study: Proseminar-Capstone Thesis Writing; (1) REG/P-F/AUD.
0101 **(01883)** Stuart, W.
W 2:00pm-3:00pm (WDS 0104)

ANTH410 Culture, Health and Community Development; (3) REG/AUD. *Junior standing. Also offered as ANTH 610. Credit will be granted for only one of the following: ANTH 410 or ANTH 610.*
0101 **(01893)** Whitehead, T.
Th 6:00pm-8:40pm (WDS 1114)

ANTH425 Applied Biological Anthropology; (3) REG/AUD. *Junior standing. Also offered as ANTH 625. Credit will be granted for only one of the following: ANTH 425 or ANTH 625.*
0101 **(01903)** Jackson, F.
Tu 6:00pm-8:40pm (PLS 1117)

ANTH440 Historical Archaeology; (3) REG/P-F/AUD. *Prerequisite: ANTH 240.*
0101 **(01913)** Shackel, P.
Tu 6:00pm-8:40pm (WDS 1114)

ANTH448D *(PermReq)* **Special Topics in Archaeology: Computer Mapping and GIS; (3)** REG/P-F/AUD.
0101 **(01923)** Buckler, J.
M 3:00pm-5:40pm (WDS 1128)
Time and room to be arranged Lab

ANTH450 Resource Management and Cultural Process; (3) REG/AUD. *Junior standing. Also offered as ANTH 650. Credit will be granted for only one of the following: ANTH 450 or ANTH 650.*
0101 **(01933)** Paolisso, M.
Th 6:00pm-8:40pm (WDS 0104)

ANTH464 Development Anthropology; (3) REG/AUD. *Prerequisite: ANTH 262 or equivalent.* Also offered as ANTH 688G. Credit will be granted for only one of the following: ANTH 464 or ANTH 688G.
0101 **(01943)** Freidenberg, J.
TuTh 3:30pm-4:45pm (WDS 1114)

ANTH468F Special Topics in Cultural Anthropology: Religious and Militant Fundamentalisms; (3) REG/P-F/AUD.
0101 **(01953)** Stuart, W.
TuTh 11:00am-12:15pm (WDS 1114)

ANTH468W Special Topics in Cultural Anthropology: Gender and Development; (3) REG/P-F/AUD.
0101 **(01963)** Paolisso, M.
TuTh 9:30am-10:45am (WDS 0104)

ANTH470 History and Philosophy of Anthropological Inquiry; (3) REG/P-F/AUD. *Prerequisite: ANTH 220 or ANTH 240 or ANTH 260. Recommended: ANTH 320 or ANTH 340 or ANTH 360 or ANTH 380. Credit will be granted for only one of the following: ANTH 470 or ANTH 397. Formerly ANTH 397.*
0101 **(01973)** Stuart, W.
M 6:00pm-8:40pm (WDS 0104)

ANTH476 *(PermReq)* **Senior Research; (3-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *For ANTH majors only. Credit will be granted for only one of the following: ANTH 476 or ANTH 486.*

ANTH477 *(PermReq)* **Senior Thesis; (3-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ANTH 476; permission of department. For ANTH majors only. Credit will be granted for only one of the following: ANTH 477 or ANTH 487.*

ANTH486 *(PermReq)* **Honors Research; (3-4)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: permission of department; admission to University Honors Program or Anthropology Honors Program. For ANTH majors only. Credit will be granted for only one of the following: ANTH 486 or ANTH 476.*

ANTH487 *(PermReq)* **Honors Thesis; (3-4)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: ANTH 486; permission of department; admission to University Honors Program or Anthropology Honors Program. For ANTH majors only. Credit will be granted for only one of the following: ANTH 487 or ANTH 477.*

ANTH601 Applied Anthropology; (3) REG. Offered fall only.
0101 **(02035)** Chambers, E.
M 6:00pm-8:40pm (SKN 1115)

ANTH606 Methods of Cultural Analysis I; (3) REG. Offered fall only.
0101 **(02045)** Whitehead, T.
W 6:00pm-8:40pm (WDS 0104)

ANTH610 Culture, Health and Community Development; (3) REG/AUD. *Also offered as ANTH 410. Credit will be granted for only one of the following: ANTH 610 or ANTH 410.*
0101 **(02055)** Whitehead, T.
Th 6:00pm-8:40pm (WDS 1114)

ANTH625 Applied Biological Anthropology; (3) REG/AUD. *Also offered as ANTH 425. Credit will be granted for only one of the following: ANTH 625 or ANTH 425.*
0101 **(02065)** Jackson, F.
Tu 6:00pm-8:40pm (PLS 1117)

ANTH640 Historical Archaeology; (3) REG/AUD. *Also offered as ANTH 440. Credit will be granted for only one of the following: ANTH 640 or ANTH 440.*
0101 **(02075)** Shackel, P.
Tu 6:00pm-8:40pm (WDS. 1114)

ANTH650 Resource Management and Culture Process; (3) REG/AUD. *Also offered as ANTH 450. Credit will be granted for only one of the following: ANTH 650 or ANTH 450.*
0101 **(02085)** Paolisso, M.
Th 6:00pm-8:40pm (WDS 0104)

ANTH670 Current Developments in Anthropological Theory; (3) REG/AUD.
0101 **(02095)** Stuart, W.
M 6:00pm-8:40pm (WDS 0104)

ANTH688A *(PermReq)* **Current Developments in Anthropology; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ANTH688F Current Developments in Anthropology: Religious and Militant Fundamentalisms; (3) REG/AUD.
0101 **(02118)** Stuart, W.
TuTh 11:00am-12:15pm (WDS 1114)

ANTH688G Current Developments in Anthropology: Development Anthropology; (3) REG/AUD. Also offered as ANTH 464. Credit will be granted for only one of the following: ANTH 688G or ANTH 464.
0101 **(02128)** Freidenberg, J.
TuTh 3:30pm-4:45pm (WDS 1114)

ANTH688W Current Developments in Anthropology: Gender and Development; (3) REG/AUD.
0101 **(02138)** Paolisso, M.
TuTh 9:30am-10:45am (WDS 0104)

ANTH689A *(PermReq)* **Special Problems in Anthropology; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ANTH689C Special Problems in Anthropology: Material Culture; (3) REG/S-F.
0101 **(02161)** Sies, M.
W 4:00pm-6:40pm (TLF 1103)

ANTH689D *(PermReq)* **Special Problems in Anthropology: Computer Mapping and GIS; (3)** REG.
0101 **(02171)** Buckler, J.
M 3:00pm-5:40pm (WDS 1128)
Time and room to be arranged Lab

ANTH689K Special Problems in Anthropology: Culture and Discourse; (3) REG/S-F.
0101 **(02181)** Kedar, L.
TuTh 8:00am-9:15am (WDS 1114)

ANTH689L Special Problems in Anthropology: Human-Plant Interactions; (3) REG/S-F.
0101 **(51821)** Jackson, F.
Tu 8:00am-10:40am (PLS 1176)

ANTH705 *(PermReq)* **Internship; (3-12)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ANTH 701.*

ANTH712 *(PermReq)* **Internship Analysis; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ANTH 705.*

ARCH Architecture (Architecture)

ARCH170 Introduction to the Built Environment; (3) REG/P-F/AUD. CORE: HA
0101 **(02266)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
F 9:00am-9:50am (ARC 1123) Dis
0102 **(02267)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 12:00pm-12:50pm (ARC 1101) Dis
0103 **(02268)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Th 11:00am-11:50am (JMZ 2207) Dis
0104 **(02269)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Th 12:30pm-1:30pm (ARC 1127) Dis
0105 **(02270)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 12:00pm-12:50pm (ARC 1103) Dis
0106 **(02271)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 1:00pm-1:50pm (ARC 1103) Dis
0107 **(02272)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Th 11:00am-11:50am (ARC 1103) Dis
0108 **(02273)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1127) Dis
0109 **(02274)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1101) Dis
0110 **(02275)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1103) Dis
0111 **(02276)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 1:00pm-1:50pm (ARC 1101) Dis
0112 **(02277)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
W 1:00pm-1:50pm (ARC 1123) Dis
0113 **(02278)** Francescato, G.
MW 10:00am-10:50am (ARC 0204)
M 11:00am-11:50am (ARC 1103) Dis
0201 **(02279)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
F 12:00pm-12:50pm (ARC 1103) Dis
0203 **(02281)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
W 12:00pm-12:50pm (ARC 1127) Dis
0204 **(02282)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
W 12:00pm-12:50pm (ARC 1121) Dis
0205 **(02283)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
F 1:00pm-1:50pm (ARC 1103) Dis
0206 **(02284)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
F 12:00pm-12:50pm (ARC 1105) Dis
0207 **(02285)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1123) Dis
0208 **(02286)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1101) Dis
0209 **(02287)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
M 1:00pm-1:50pm (ARC 1103) Dis
0210 **(02288)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1127) Dis
0211 **(02289)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1125) Dis
0212 **(02290)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
Tu 12:30pm-1:20pm (ARC 1123) Dis

ARCH170+ Introduction to the Built Environment; (3) REG/P-F/AUD. CORE: HA Restricted to students in a First Year Focus Cluster.
0202 **(02291)** Francescato, G.
MW 11:00am-11:50am (ARC 0204)
F 11:00am-11:50am (ARC 1121) Dis

ARCH220 History of Architecture I; (3) REG/P-F/AUD. Offered fall only.
0101 **(02300)** Saunders, E.
TuTh 9:30am-10:45am (ARC 0204)

ARCH242 Drawing I; (2) REG/P-F/AUD. Architecture majors only.
0101 **(02310)** Lewis, R.
F 9:00am-10:50am (ARC 1103)
M 11:00am-1:00pm (ARC 1121) Lab
0102 **(02311)** Lewis, R.
F 9:00am-10:50am (ARC 1103)
W 10:00am-12:00pm (ARC 1121) Lab
0103 **(02312)** Lewis, R.
F 9:00am-10:50am (ARC 1103)
W 12:00pm-2:00pm (ARC 1125) Lab
0104 **(02313)** Lewis, R.
F 9:00am-10:50am (ARC 1103)
Tu 4:00pm-6:00pm (ARC 1101) Lab

ARCH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.* Contact David Fogle for information.

ARCH400 *(PermReq)* **Architecture Studio I; (6)** REG/P-F/AUD. *Prerequisite: ARCH majors only.* Offered fall only.
0101 **(02340)** Kelly, B.
MWF 2:00pm-6:00pm (ARC 0204)
MWF 2:00pm-6:00pm (ARC 1121) Lab
0102 **(02341)** Goodill, M.
MWF 2:00pm-6:00pm (ARC 0204)
MWF 2:00pm-6:00pm (ARC 0204) Lab
Section 0102 is recommended for 3 1/2 year graduate students only.
0103 **(02342)** Kelly, B.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204) Lab
0104 **(02343)** Goodill, M.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204) Lab
Section 0104 is for 3 1/2 year graduate students only.
0105 **(02344)** Kelly, B.
MWF 2:00pm-6:00pm (ARC 1127)
MWF 2:00pm-6:00pm (ARC 0204) Lab
0106 **(02345)** Kelly, B.
MWF 2:00pm-6:00pm (ARC 1123)
MWF 2:00pm-6:00pm (ARC 0204) Lab

ARCH402 *(PermReq)* **Architecture Studio III; (6)** REG/P-F/AUD. *Prerequisite: ARCH 401 with a grade of C or better. For ARCH majors only.* Offered fall only.
0101 **(02355)** Schlesinger, B.
MWF 2:00pm-6:00pm (ARC 1103)
MWF 2:00pm-6:00pm (ARC 1123) Lab
0102 **(02356)** Gusevich, M.
MWF 2:00pm-6:00pm (ARC 1101)
MWF 2:00pm-6:00pm (ARC 1101) Lab
Section 0102 is recommended for 3 1/2 year graduate students only.
0103 **(02357)** Gusevich, M.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204) Lab
0104 **(02358)** Schumacher, T.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204) Lab
Path B- 3 1/2 year graduate students only.
0105 **(02359)** Schlesinger, B.
MWF 2:00pm-6:00pm (ARC 1125)
MWF 2:00pm-6:00pm (ARC 0204) Lab

ARCH408 *(PermReq)* **Selected Topics in Architecture Studio: Architecture Studio Elective; (3-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ARCH 403 or equivalent. ARCH majors only. Contact Stephen Sachs for information.

ARCH410 *(PermReq)* **Technology I; (4)** REG/P-F/AUD. *Prerequisites: MATH 220; and [(PHYS 121 and PHYS 122) or PHYS 117]. Corequisite: ARCH 400. For ARCH majors only.* Offered fall only.
0101 **(02386)** Bovill, C.
TuTh 10:30am-12:30pm (ARC 1105)

ARCH412 *(PermReq)* **Technology III; (4)** REG/P-F/AUD. *Prerequisite: ARCH 411. Corequisite: ARCH 402. For ARCH majors only.* Offered fall only.
0101 **(02396)** Jurmala, P.
TuTh 10:30am-12:30pm (ARC 1101)

ARCH419 *(PermReq)* **Independent Studies in Architectural Science; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact Carl Bovill for course information.

ARCH420 History of American Architecture; (3) REG/P-F/AUD. *Prerequisite: ARCH 221 or permission of department.*
0101 **(02722)** Gournay, I.
TuTh 2:00pm-3:15pm (ARC 1103)

ARCH423 *(PermReq)* **History of Roman Architecture; (3)** REG/P-F/AUD. *Prerequisite: ARCH 220 or permission of department.*
0101 **(02423)** Saunders, E.
Tu 7:00pm-10:00pm (ARC 1105)

ARCH426 *(PermReq)* **Fundamentals of Architecture; (3)** REG/AUD. *Prerequisite: admission to 3 1/2 year M. ARCH program.* Offered fall only.
0101 **(02433)** Gusevich, M.
TuTh 2:00pm-3:15pm (ARC 1125)

ARCH429 *(PermReq)* **Independent Studies in Architectural History; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. Majors only.

ARCH443 *(PermReq)* **Visual Communication; (2)** REG. *Prerequisite: admission to the 3 1/2 year M. ARCH program. For ARCH majors only.* Offered fall only.
0101 **(02470)** Goodill, M.
F 11:00am-12:15pm (ARC 1127)
W 11:00am-12:15pm (ARC 1105)

ARCH449 *(PermReq)* **Independent Studies in Visual Studies; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact Stephen Sachs for information. Majors only.

ARCH450 *(PermReq)* **Introduction to Urban Planning; (3)** REG/P-F/AUD. Offered fall only.
0101 **(02497)** Levin, M.
TuTh 4:00pm-5:30pm (ARC 1121)

ARCH459 *(PermReq)* **Independent Studies in Urban Planning; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information.

ARCH470 *(PermReq)* **Computer Applications in Architecture; (3)** REG. *Prerequisite: ARCH 400 or permission of department.* ARCH majors only.
0101 **(02524)** Sachs, S.
W 9:00am-10:50am (ARC 1127)
F 9:00am-10:50am (ARC 1127) Lab

ARCH479 *(PermReq)* **Independent Studies in Architecture; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information.

ARCH488 Selected Topics in Architectural Preservation; (3) REG/P-F/AUD.
0101 **(02561)** Comer, D.
W 7:00pm-9:40pm (ARC 1103)

ARCH489 *(PermReq)* **Independent Studies in Architectural Preservation; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information.

ARCH600 *(PermReq)* **Architecture Studio V; (6)** REG/AUD. *Prerequisite: ARCH 403 or equivalent.*
0101 **(02588)** Gardner, A.
MWF 2:00pm-6:00pm (ARC 1105)
MWF 2:00pm-6:00pm (ARC 1125) Lab
0102 **(02589)** Lewis, R.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204) Lab
0103 **(02590)** Bennett, R.
MWF 2:00pm-6:00pm (ARC 1101)
MWF 2:00pm-6:00pm (ARC 0204) Lab

ARCH611 *(PermReq)* **Advanced Architecture Technology Seminar; (3)** REG/AUD. *Prerequisite: ARCH 413. Corequisite: ARCH 600. For ARCH majors only.* Offered fall only.
0101 **(02600)** Bovill, C.
TuTh 4:30pm-6:00pm (ARC 1105)
0102 **(02601)** Jurmala, P.
TuTh 4:30pm-6:00pm (ARC 1123)

ARCH621 Seminar in History of American Architecture; (3) REG/AUD. *Prerequisite; ARCH 221 or ARCH 222 or permission of instructor.*
0101 **(02602)** Gournay, I.
TuTh 11:00am-12:15pm (ARC 1127)

ARCH635 Seminar in the History of Modern Architecture; (3) REG/AUD. *Prerequisite: ARCH 434 or permission of department.* Offered fall only.
0101 **(02611)** Schumacher, T.
M 9:00am-10:50am (ARC 1127)
W 11:00am-11:50am (ARC 1127)

ARCH674 *(PermReq)* **Seminar in Regionalism; (3)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(02621)** Bechhoefer, W.
W 9:00am-9:50am (ARC 1125)
F 9:00am-11:00am (ARC 1125)

ARCH678 *(PermReq)* **Selected Topics in Architecture; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only.

ARCH679 *(PermReq)* **Independent Studies in Architecture; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. ARCH majors only.

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

ARCH700 *(PermReq)* **Architecture Studio VII; (6)** REG/AUD.
Prerequisite: ARCH 601.
0101 **(02675)** Bell, M.
MWF 2:00pm-6:00pm (ARC 1127)
MWF 2:00pm-6:00pm (ARC 0102) Lab

ARCH770 *(PermReq)* **Professional Practice; (3)** REG/AUD.
Prerequisite: ARCH 601.
0101 **(02685)** Schlesinger, B.
M 12:00pm-2:00pm (ARC 1105)
F 1:00pm-2:00pm (ARC 1105)

ARCH797 *(PermReq)* **Thesis Proseminar; (3)** REG/AUD.
Prerequisite: ARCH 601.
0101 **(02695)** Dupuy, K.
Time and room to be arranged

ARCH798 *(PermReq)* **Thesis in Architecture; (3)** REG.
0101 **(02705)** Bechhoefer, W.
Tu 2:00pm-4:00pm (ARC 1127)
Tu 2:00pm-4:00pm (Arranged)
0102 **(02706)** Bechhoefer, W.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204)
0103 **(02707)** Hurtt, S.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204)
0104 **(02708)** Bechhoefer, W.
MWF 2:00pm-6:00pm (ARC 0101)
MWF 2:00pm-6:00pm (ARC 0204)

ARCH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG.
0101 **(02718)** Bechhoefer, W.
Time and room to be arranged Lab
Time and room to be arranged Dis
0102 **(02719)** Bechhoefer, W.
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0204) Dis
0103 **(02720)** Hurtt, S.
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0101) Dis
0104 **(02721)** Bechhoefer, W.
MWF 2:00pm-6:00pm (ARC 0101) Lab
MWF 2:00pm-6:00pm (ARC 0204) Dis

AREC Agricultural and Resource Economics
(Agriculture and Natural Resources)

AREC240 Introduction to Economics and the Environment; (3) REG/P-F/AUD. CORE: SB
0101 **(02771)** Hueth, D.
MW 8:00am-9:15am (ARM 0117)
F 8:00am-9:00am (SYM 2109) Dis
0102 **(02772)** Hueth, D.
MW 8:00am-9:15am (ARM 0117)
F 9:00am-10:00am (SYM 2109) Dis

AREC250 Elements of Agricultural and Resource Economics; (3) REG/P-F/AUD. CORE: SB
0101 **(02782)** Horowitz, J.
TuTh 9:30am-10:45am (ARM 0112)

AREC365 World Hunger, Population, and Food Supplies; (3) REG/P-F/AUD. DIVERSITY
0101 **(02792)** Leathers, H.
MWF 12:00pm-12:50pm (SKN 0200)

AREC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

AREC399 Special Problems; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AREC414 Agricultural Business Management; (3) REG/P-F/AUD.
Prerequisite: ECON 306.
0101 **(02834)** Cain, J.
TuTh 12:30pm-1:45pm (SYM 2109)

AREC427 Economics of Agricultural Marketing Systems; (3) REG/P-F/AUD. *Prerequisite: ECON 306.*
0101 **(02844)** McNew, K.
TuTh 11:00am-12:15pm (SYM 2109)

AREC433 Food and Agricultural Policy; (3) REG/P-F/AUD.
Prerequisite: ECON 306.
0101 **(02854)** Hueth, D.
MW 2:00pm-3:15pm (SYM 2109)

AREC620 Optimization in Agricultural and Resource Economics; (3) REG/AUD. *Three hours of lecture and one and one-half hours of discussion per week. Prerequisite: differential calculus and one course in matrix or linear algebra.*
0101 **(02864)** Strand, I.
MW 8:30am-9:45am (SYM 2109)
F 2:00pm-3:15pm (SYM 2109) Dis

AREC623 Applied Econometrics I; (4) REG/AUD. *Three hours of lecture and one and one-half hours of discussion per week.* This course is co-taught by Dr. Aggarwal and Dr. Just.
0101 **(02874)** Just, R.
MWF 10:00am-11:30am (SYM 2109)
Th 3:30pm-5:00pm (SYM 2109) Dis

AREC625 Economic Welfare Analysis; (3) REG/AUD. *Credit will be granted for only one of the following: AREC 625 or AREC 825.* This course is co-taught by Dr. Bockstael and Dr. Just.
0101 **(02884)** Bockstael, N.
MW 12:30pm-1:45pm (SYM 2109)

AREC645 Environment and Development Economics; (3) REG/AUD. *Credit will be granted for only one of the following: AREC 645 or AREC 845.*
0101 **(02894)** Lopez, R.
TuTh 9:00am-10:30am (SYM 2109)

AREC689P Special Topics in Agricultural and Resource Economics: Applications of Microeconomics to Environmental and Resource Issues; (3) REG/AUD.
0101 **(02904)** Strand, I.
MW 4:30pm-6:00pm (SYM 2109)

AREC699 *(PermReq)* **Special Problems in Agricultural and Resource Economics; (1-2)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

AREC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

AREC825 Advanced Economic Welfare Analysis; (3) REG/AUD. *Credit will be granted for only one of the following: AREC 625 or AREC 825.* This course is co-taught by Dr. Bockstael and Dr. Just.
0101 **(02958)** Bockstael, N.
MW 12:30pm-1:45pm (SYM 2109)

AREC845 Environment and Development Economics; (3) REG/AUD. *Credit will be granted for only one of the following: AREC 645 or AREC 845.*
0101 **(02968)** Lopez, R.
TuTh 9:00am-10:30am (SYM 2109)

AREC869 Advanced Topics in Agricultural Economics; (3) REG/AUD.
0101 **(02978)** McConnell, K.
F 3:15pm-4:30pm (SYM 1308)
W 2:00pm-3:15pm (SYM 1308)

AREC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ARHU Arts and Humanities
(Arts and Humanities)

ARHU108H Honors Humanities Colloquium; (1) REG. Restricted to Honors Humanities students.
0101 **(03061)** Smith, M.
Time and room to be arranged

ARHU118H Renaissance Studies: The Portrait; (3) REG. Restricted to Honors Humanities students.
0101 **(03010)** Donawerth, J.
TuTh 12:30pm-1:45pm (VMH 2203)

ARHU298H Special Problems in Arts and Humanities: Gender and Space in Film: A Comparative View; (3) REG. CORE: HA DIVERSITY Restricted to Honors Humanities students.
0101 **(03012)** Beicken, P.
Tu 5:00pm-7:00pm (HBK 4210T)
Th 5:00pm-6:30pm (HBK 4210T)

ARHU386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

ARHU439 Interdisciplinary Studies in Arts and Humanities: European Business Cultures; (3) REG/P-F/AUD.
0101 **(03060)** Helm, A.
TuTh 2:00pm-3:15pm (PLS 1113)

ARSC Air Science
(Special Programs)

ARSC100 The Air Force Today I; (1) REG. An elective but required for freshmen desiring the four-year AFROTC program. Military cadets must also enroll in ARSC 159.
0101 **(03110)** Klose, W.
Tu 10:00am-10:50am (COL 3111)
0102 **(03111)** Klose, W.
Th 10:00am-10:50am (COL 3112)
0103 **(03112)** Klose, W.
Th 2:00pm-2:50pm (COL 3112)

ARSC159 Air Force Officer Lab; (1) S-F. Corequisite: any other ARSC class. Open only to AFROTC cadets. Only cadets with class conflicts at 0800 may attend the 0600 lab with approval of instructor.
0101 **(03123)** Reid, E.
Th 7:00am-9:00am (ARM 0135)
0111 **(03124)** Reid, E.
Th 6:00am-7:50am (ARM 0135)

ARSC200 The Development of Air Power I; (1) REG/P-F/AUD. An elective, but required for sophomores in the four-year AFROTC program. Military cadets must also enroll in ARSC 159.
0101 **(03134)** STAFF
Th 11:00am-11:50am (COL 3114)
0102 **(03135)** STAFF
Th 3:00pm-3:50pm (COL 3112)
0103 **(03136)** STAFF
Tu 10:00am-10:50am (COL 3112)

ARSC205 *(PermReq)* **The U.S. Air Force and Air Power; (4)** REG. *Open only to applicants selected by AFROTC to compete for entrance into the two-year AFROTC program as a contract cadet.*
0101 **(03147)** Reid, E.
Time and room to be arranged

ARSC310 Management and Leadership I; (3) REG. Required for all juniors in AFROTC. Open to all university students as an elective. Military cadets must also enroll in ARSC 159.
0101 **(03157)** Reid, E.
Th 10:00am-1:00pm (COL 3110)
0201 **(03158)** Reid, E.
TuTh 3:00pm-4:30pm (COL 3114)

ARSC320 National Security Forces in Contemporary American Society I; (3) REG. Required course for all seniors in AFROTC and open to all university students as an elective. Military cadets must also enroll for ARSC 159.
0101 **(03168)** Shick, L.
TuTh 2:00pm-3:30pm (COL 3111)
0201 **(03169)** Shick, L.
Th 9:30am-12:30pm (COL 3111)

ARTH Art History & Archaeology
(Arts and Humanities)

ARTH200 Art of the Western World to 1300; (3) REG/P-F/AUD. CORE: HA
0101 **(03220)** Venit, M.
TuTh 11:00am-11:50am (ASY 2203)
M 10:00am-10:50am (ASY 3215) Dis
0102 **(03221)** Venit, M.
TuTh 11:00am-11:50am (ASY 2203)
M 11:00am-11:50am (ASY 3221) Dis
0103 **(03222)** Venit, M.
TuTh 11:00am-11:50am (ASY 2203)
W 10:00am-10:50am (ASY 3215) Dis
0104 **(03223)** Venit, M.
TuTh 11:00am-11:50am (ASY 2203)
W 11:00am-11:50am (ASY 3219) Dis
0201 **(03224)** Jones, L.
MW 11:00am-11:50am (ASY 2309)
M 9:00am-9:50am (ASY 2315) Dis
0202 **(03225)** Jones, L.
MW 11:00am-11:50am (ASY 2309)
M 10:00am-10:50am (ASY 3221) Dis
0203 **(03226)** Jones, L.
MW 11:00am-11:50am (ASY 2309)
W 9:00am-9:50am (ASY 3219) Dis
0204 **(03227)** Jones, L.
MW 11:00am-11:50am (ASY 2309)
F 9:00am-9:50am (ASY 3211) Dis

ARTH201 Art of the Western World after 1300; (3) REG/P-F/AUD. CORE: HA
0101 **(03237)** Mills, C.
TuTh 9:30am-10:20am (ASY 2203)
M 9:00am-9:50am (ASY 3219) Dis
0102 **(03238)** Mills, C.
TuTh 9:30am-10:20am (ASY 2203)
M 11:00am-11:50am (ASY 3211) Dis
0103 **(03239)** Mills, C.
TuTh 9:30am-10:20am (ASY 2203)
W 9:00am-9:50am (ASY 3211) Dis
0104 **(03240)** Mills, C.
TuTh 9:30am-10:20am (ASY 2203)
W 11:00am-11:50am (ASY 3221) Dis
0105 **(03241)** Mills, C.
TuTh 9:30am-10:20am (ASY 2203)
F 9:00am-9:50am (ASY 3215) Dis
0106 **(03242)** Mills, C.
TuTh 9:30am-10:20am (ASY 2203)
F 10:00am-10:50am (ASY 3219) Dis
0201 **(03243)** Sharp, J.
MW 11:00am-11:50am (ASY 2203)
M 9:00am-9:50am (ASY 3215) Dis
0202 **(03244)** Sharp, J.
MW 11:00am-11:50am (ASY 2203)
M 10:00am-10:50am (ASY 3219) Dis
0203 **(03245)** Sharp, J.
MW 11:00am-11:50am (ASY 2203)
W 9:00am-9:50am (ASY 3215) Dis
0204 **(03246)** Sharp, J.
MW 11:00am-11:50am (ASY 2203)
F 9:00am-9:50am (ASY 3219) Dis

ARTH275 Art and Archaeology of Africa; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(03256)** Eyo, E.
MW 10:00am-10:50am (ASY 2203)
M 9:00am-9:50am (ASY 3211) Dis
0102 **(03257)** Eyo, E.
MW 10:00am-10:50am (ASY 2203)
W 9:00am-9:50am (ASY 3221) Dis
0103 **(03258)** Eyo, E.
MW 10:00am-10:50am (ASY 2203)
M 11:00am-11:50am (ASY 3219) Dis
0104 **(03259)** Eyo, E.
MW 10:00am-10:50am (ASY 2203)
W 11:00am-11:50am (ASY 3211) Dis
0105 **(03260)** Eyo, E.
MW 10:00am-10:50am (ASY 2203)
F 9:00am-9:50am (ASY 3221) Dis
0106 **(03261)** Eyo, E.
MW 10:00am-10:50am (ASY 2203)
F 11:00am-11:50am (ASY 3215) Dis

ARTH290 Art of Asia; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(03271)** Kita, S.
MW 9:00am-9:50am (ASY 2203)
F 9:00am-9:50am (ASY 3207) Dis
0102 **(03272)** Kita, S.
MW 9:00am-9:50am (ASY 2203)
M 10:00am-10:50am (ASY 3211) Dis
0103 **(03273)** Kita, S.
MW 9:00am-9:50am (ASY 2203)
W 10:00am-10:50am (ASY 3211) Dis
0104 **(03274)** Kita, S.
MW 9:00am-9:50am (ASY 2203)
M 11:00am-11:50am (ASY 3215) Dis
0105 **(03275)** Kita, S.
MW 9:00am-9:50am (ASY 2203)
W 11:00am-11:50am (ASY 3215) Dis
0106 **(03276)** Kita, S.
MW 9:00am-9:50am (ASY 2203)
F 10:00am-10:50am (ASY 3215) Dis

ARTH379 *(PermReq)* **Honors Thesis; (3-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ARTH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

ARTH390 Art of China; (3) REG/P-F/AUD. DIVERSITY *Formerly ARTH 406.*
0101 **(03307)** Kuo, J.
TuTh 3:30pm-4:45pm (ASY 3215)

ARTH403 Roman Art and Archaeology; (3) REG/P-F/AUD.
0101 **(03317)** Venit, M.
TuTh 2:00pm-3:15pm (ASY 3215)

ARTH407 Art and Archaeology of Mosaics; (3) REG/P-F/AUD.
0101 **(03327)** Spiro, M.
TuTh 9:30am-10:45am (ASY 3211)

ARTH420 Fourteenth and Fifteenth-Century Northern European Art; (3) REG/P-F/AUD. *Formerly ARTH 416.*
0101 **(03337)** Farquhar, J.
TuTh 11:00am-12:15pm (ASY 3215)

ARTH445 Nineteenth-Century European Art to 1850; (3) REG/P-F/AUD. *Formerly ARTH 440.*
0101 **(03347)** Hargrove, J.
TuTh 9:30am-10:45am (ASY 3215)

ARTH455 Twentieth-Century Art to 1945; (3) REG/P-F/AUD. *Formerly ARTH 450.*
0101 **(03357)** Sharp, J.
MW 3:00pm-4:15pm (ASY 3211)

ARTH460 American Art Since 1876; (3) REG/P-F/AUD. *Formerly ARTH 477.*
0101 **(03367)** Promey, S.
TuTh 9:30am-10:45am (ASY 3219)

ARTH462 Twentieth-Century Black American Art; (3) REG/P-F/AUD. *Formerly ARTH 474.*
0101 **(03377)** Holland, J.
TuTh 2:00pm-3:15pm (ASY 3211)

ARTH466 Feminist Perspectives on Women in Art; (3) REG/P-F/AUD. *Also offered as WMST 466. Credit will be granted for only one of the following: ARTH 466 or WMST 466.*
0101 **(03387)** Withers, J.
TuTh 11:00am-12:15pm (ASY 3211)

ARTH470 Latin American Art and Archaeology before 1500; (3) REG/P-F/AUD.
0101 **(03397)** Miller, A.
TuTh 3:30pm-4:45pm (ASY 3211)

ARTH489A Special Topics in Art History: Seminar in American Renaissance(s); (3) REG/P-F/AUD.
0101 **(03407)** Promey, S.
TuTh 12:30pm-1:45pm (EGR 3140)

ARTH489B Special Topics in Art History: Caribbean Arts; (3) REG/P-F/AUD.
0101 **(03417)** Holland, J.
TuTh 11:00am-12:15pm (ASY 3219)

ARTH489C Special Topics in Art History: Seminar in Devotional Images; (3) REG/P-F/AUD.
0101 **(03427)** Farquhar, J.
TuTh 2:00pm-3:15pm (ASY 4306)

ARTH489D Special Topics in Art History: Mexican Mural Painting; (3) REG/P-F/AUD.
0101 **(03428)** Miller, A.
Tu 11:00am-1:40pm (ASY 4306)

ARTH490 Chinese Painting; (3) REG/P-F/AUD. DIVERSITY
0101 **(03447)** Kuo, J.
TuTh 12:30pm-1:45pm (ASY 3211)

ARTH496 *(PermReq)* **Methods of Art History and Archaeology; (3)** REG. *Prerequisite: permission of department. For ARTH majors only.*
0101 **(03457)** Colantuono, A.
TuTh 3:30pm-4:45pm (ASY 4306)

ARTH498 *(PermReq)* **Directed Studies in Art History I; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTH499 *(PermReq)* **Honors Thesis; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTH618 Studies in Medieval Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03502)** Kornbluth, G.
Tu 12:00pm-2:40pm (ASY 4304)

ARTH638 Studies in Seventeenth-Century Southern European Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03512)** Colantuono, A.
Tu 6:00pm-8:40pm (ASY 4304)

ARTH639 Studies in Seventeenth-Century Northern European Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03522)** Wheelock, A.
M 3:00pm-5:40pm (ASY 4304)

ARTH658 Studies in American Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03532)** Kelly, F.
Th 3:00pm-5:40pm (ASY 4304)

ARTH669 Studies in African Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03542)** Eyo, E.
W 3:00pm-5:40pm (ASY 4304)

ARTH709 Seminar in Late Roman, Early Christian, and Byzantine Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03552)** Spiro, M.
Th 12:00pm-2:40pm (ASY 4304)

ARTH749 Seminar in Nineteenth-Century European Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03562)** Hargrove, J.
Tu 3:00pm-5:40pm (ASY 4304)

ARTH759 Seminar in Twentieth-Century Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03572)** Withers, J.
Tu 3:00pm-5:40pm (ASY 4304)

ARTH768 Seminar in Latin American Art and Archaeology; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03582)** Miller, A.
Th 6:00pm-8:40pm (ASY 4304)

ARTH779 Seminar in Japanese Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03592)** Kita, S.
M 12:00pm-2:40pm (ASY 4304)

ARTH798 Directed Graduate Studies in Art History; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required.

ARTH799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required.

ARTH899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required.

ARTT Art Studio
(Arts and Humanities)

ARTT100 Two Dimensional Art Fundamentals; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ARTT 100, ARTS 100, DESN 101, or APDS 101. Formerly ARTS 100.*
0101 **(03706)** STAFF
TuTh 3:00pm-5:00pm (ASY 2314)
0201 **(03707)** STAFF
TuTh 3:00pm-5:00pm (ASY 2318)
0301 **(03708)** Thorpe, J.
TuTh 9:00am-11:00am (MMH 1417)
0401 **(03709)** Thorpe, J.
TuTh 9:00am-11:00am (MMH 1417)
0501 **(03710)** Lapinski, T.
TuTh 12:30pm-2:30pm (ASY 2314)
0601 **(03711)** Lapinski, T.
TuTh 12:30pm-2:30pm (ASY 2318)

ARTT110 Elements of Drawing I; (3) REG/P-F. *Formerly ARTS 110.*
0101 **(03721)** French, C.
MW 9:00am-11:30am (ASY 2317) Lab
0201 **(03722)** French, C.
MW 9:00am-11:30am (ASY 2321) Lab
0301 **(03723)** Craig, P.
TuTh 9:00am-11:30am (ASY 2317) Lab
0401 **(03724)** Craig, P.
TuTh 9:00am-11:30am (ASY 2321) Lab
0501 **(03725)** Kehoe, P.
TuTh 3:00pm-5:30pm (ASY 2317) Lab
0701 **(03726)** Hardy, E.
MW 3:00pm-5:30pm (ASY 2321) Lab
0801 **(03727)** Hardy, E.
MW 3:00pm-5:30pm (ASY 2317) Lab

ARTT110+ Elements of Drawing I; (3) REG/P-F/AUD. *Formerly ARTS 110.* Restricted to College Park Scholars - Arts.
0601 **(03737)** Kehoe, P.
TuTh 3:00pm-5:30pm (ASY 2321) Lab

ARTT150 Introduction to Art Theory; (3) REG/P-F/AUD. CORE: HA
0101 **(03747)** Klank, R.
MW 1:00pm-1:50pm (ASY 2309)
M 11:00am-11:50am (ARC 1101) Dis
0102 **(03748)** Klank, R.
MW 1:00pm-1:50pm (ASY 2309)
W 12:00pm-12:50pm (ARC 1123) Dis
0103 **(03749)** Klank, R.
MW 1:00pm-1:50pm (ASY 2309)
W 11:00am-11:50am (ARC 1101) Dis
0201 **(03750)** STAFF
TuTh 3:30pm-4:20pm (ASY 2309)
Tu 2:00pm-2:50pm (ASY 3304) Dis
0202 **(03751)** STAFF
TuTh 3:30pm-4:20pm (ASY 2309)
Th 1:00pm-1:50pm (ARC 1123) Dis
0203 **(03752)** STAFF
TuTh 3:30pm-4:20pm (ASY 2309)
Th 12:00pm-12:50pm (ARC 1103) Dis

ARTT200 Three Dimensional Art Fundamentals; (3) REG/P-F/AUD. *Prerequisite: ARTT 100. Credit will be granted for only one of the following: ARTT 200, ARTS 200, DESN 102, or APDS 102. Formerly ARTS 200.*
0101 **(03762)** McCarty, J.
MW 12:30pm-3:00pm (ASY 1314) Lab
0201 **(03763)** Demonte, C.
TuTh 9:00am-11:30am (ASY 1311) Lab
0301 **(03764)** Demonte, C.
MW 3:00pm-5:30pm (ASY 1311) Lab

ARTT200H Three Dimensional Art Fundamentals; (3) REG/P-F/AUD. *Prerequisite: ARTT 100. Credit will be granted for only one of the following: ARTT 200, ARTS 200, DESN 102, or APDS 102. Formerly ARTS 200.* For general honors students only.
0101 **(03765)** Sham, F.
TuTh 3:00pm-5:30pm (ASY 1311)

ARTT210 Elements of Drawing II; (3) REG/P-F/AUD. *Prerequisite: ARTT 110. Formerly ARTS 210.*
0101 **(03774)** Richardson, W.
TuTh 12:30pm-3:00pm (ASY 2322) Lab
0201 **(03775)** STAFF
MW 3:00pm-5:30pm (ASY 2322) Lab
0301 **(03776)** Humphrey, M.
MW 9:00am-11:30am (ASY 2322) Lab

ARTT250 Elements of Design; (3) REG/P-F/AUD. *Prerequisites: ARTT 100 and ARTT 200.*
0101 **(03786)** Fabiano, F.
MW 9:00am-11:30am (MMH 0401) Lab

ARTT320 Elements of Painting; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 320.*
0101 **(03796)** Kehoe, P.
TuTh 12:30pm-3:00pm (ASY 3322) Lab
0201 **(03797)** Klank, R.
MW 9:00am-11:30am (ASY 3318) Lab
0301 **(03798)** Gelman, E.
MW 3:00pm-5:30pm (ASY 3312) Lab

ARTT330 Elements of Sculpture: Metal Casting; (3) REG/P-F/AUD. *Prerequisites: ARTT 200; and ARTT 210. Formerly ARTS 330.*
0101 **(03808)** Ruppert, J.
MW 12:30pm-3:00pm (ASY 1310) Lab

ARTT333 Elements of Sculpture: Wood and Mixed Media; (3) REG/P-F/AUD. *Prerequisites: ARTT 200; and ARTT 210.*
0101 **(03818)** Sham, F.
TuTh 12:30pm-3:00pm (ASY 1311) Lab

ARTT334 Elements of Sculpture: Construction; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 334.*
0101 **(03828)** Ruppert, J.
MW 3:00pm-5:30pm (ASY 1314) Lab
0201 **(03829)** McCarty, J.
MW 3:00pm-5:30pm (ASY 1314) Lab

ARTT340 Elements of Printmaking: Intaglio; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 340.*
0101 **(03839)** Carmack, S.
MW 9:00am-11:30am (ASY 1317) Lab

ARTT341 Elements of Printmaking: Woodcut and Relief; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 341.*
0101 **(03849)** Forbes, J.
TuTh 12:30pm-3:00pm (ASY 1317) Lab

ARTT344 Elements of Printmaking: Lithography; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 344.*
0101 **(03859)** Humphrey, M.
MW 12:30pm-3:00pm (ASY 1317) Lab

ARTT350 Elements of Illustration; (3) REG/P-F/AUD. *Prerequisite: ARTT 250.*
0101 **(03869)** Lozner, R.
MW 9:00am-11:30am (MMH 1417) Lab

ARTT351 Elements of Graphic Design; (3) REG/P-F/AUD. *Prerequisite: ARTT 250.*
0101 **(03879)** Thorpe, J.
TuTh 12:30pm-3:00pm (MMH 1417) Lab

ARTT352 Three Dimensional Graphics; (3) REG/P-F/AUD. *Prerequisite: ARTT 250.*
0101 **(03889)** Fabiano, F.
MW 12:30pm-3:00pm (MMH 0401) Lab

ARTT353 Elements of Photography; (3) REG/P-F/AUD. *Prerequisites: (ARTT 100 and ARTT 110) or permission of department.*
0101 **(03899)** Tyroler, B.
TuTh 9:30am-12:00pm (MMH 0401) Lab

ARTT354 Elements of Computer Graphics; (3) REG/P-F/AUD. *Prerequisites: (ARTT 100 and ARTT 110) or permission of department.*
0101 **(03909)** Ratnapala, N.
TuTh 12:30pm-3:00pm (ASY 3311) Lab
0201 **(03910)** Ratnapala, N.
MW 12:30pm-3:00pm (ASY 3311) Lab

ARTT386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

ARTT418 Drawing: Advanced Drawing: Working From the Figure; (3) REG/P-F/AUD. Prerequisite: ARTT 210.
0101 **(03938)** Gelman, E.
MW 12:30pm-3:00pm (ASY 2317) Lab

ARTT418B Drawing: Advanced Drawing: A Contemporary Approach to Drawing; (3) REG/P-F/AUD. Prerequisite: ARTT 210.
0101 **(03948)** French, C.
MW 3:00pm-5:30pm (ASY 2315) Lab

ARTT418C Drawing: Advanced Drawing: Works on Paper/Water Based Media; (3) REG. Prerequisite: ARTT 210.
0101 **(03958)** Lapinski, T.
TuTh 9:00am-11:30am (ASY 2315) Lab

ARTT428 Painting: Advanced Painting; (3) REG/P-F/AUD. Prerequisite: ARTT 320. Section 0101 emphasizes acrylic paint.
0101 **(03968)** Craig, P.
TuTh 12:30pm-3:00pm (ASY 3312) Lab
0201 **(03969)** Richardson, W.
TuTh 9:00am-11:30am (ASY 3312) Lab
0301 **(03970)** Klank, R.
MW 9:00am-11:30am (ASY 3322) Lab

ARTT438 *(PermReq)* **Sculpture: Advanced Metal Casting; (3)** REG/P-F/AUD. Permission of instructor required.
0101 **(03980)** Ruppert, J.
MW 12:30pm-3:00pm (ASY 1310) Lab

ARTT438B Sculpture: Advanced Stone Carving; (3) REG/P-F/AUD. Prerequisite: ARTT 332 or permission of instructor.
0101 **(03990)** McCarty, J.
MW 3:00pm-5:30pm (ASY 1314) Lab

ARTT438C Sculpture: Advanced Steel Sculpture; (3) REG/P-F/AUD. Prerequisite: ARTT 331 or permission of instructor.
0101 **(04000)** Ruppert, J.
MW 3:00pm-5:30pm (ASY 1314) Lab

ARTT438D *(PermReq)* **Sculpture: Advanced Sculpture in Wood and Mixed Media; (3)** REG/P-F/AUD. Prerequisite: ARTT 333 or permission of instructor.
0101 **(04010)** Sham, F.
TuTh 12:30pm-3:00pm (ASY 1311) Lab

ARTT448B Printmaking: Advanced Lithography; (3) REG/P-F/AUD. Prerequisite: ARTT 344 or permission of instructor.
0101 **(04020)** Humphrey, M.
MW 12:30pm-3:00pm (ASY 1317) Lab

ARTT448C Printmaking: Advanced Relief and Intaglio; (3) REG/P-F/AUD. Prerequisite: ARTT 340 or ARTT 341.
0101 **(04030)** Forbes, J.
TuTh 4:00pm-6:30pm (ASY 1317) Lab

ARTT458 Graphic Design and Illustration; (3) REG.
0101 **(04040)** Lozner, R.
MW 12:30pm-3:00pm (MMH 1413) Lab

ARTT462 Artist's Survival Seminar; (3) REG/P-F/AUD. *Prerequisite: senior standing or permission of department.*
0101 **(04050)** Demonte, C.
Th 12:30pm-3:00pm (ASY 3304) Lab

ARTT463 Principles and Theory: African-American Art; (3) REG/P-F. DIVERSITY *Not open to students who have completed ARTH 474. Formerly ARTH 474.*
0101 **(04060)** Driskell, D.
M 3:00pm-5:00pm (ASY 3219)

ARTT468B Seminar on the Interrelationship between Art and Art Theory: Issues in Contemporary Art; (3) REG/P-F/AUD.
0101 **(04070)** Klank, R.
MW 1:00pm-1:50pm (ASY 2309)
M 2:00pm-2:50pm (ASY 3211) Dis

ARTT489G Advanced Special Topics in Art: Digital Strategies; (3) REG/P-F/AUD.
0101 **(04080)** Ratnapala, N.
TuTh 9:30am-10:45am (CSS 1410)

ARTT498 *(PermReq)* **Directed Studies in Studio Art; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective.

ARTT689A Special Problems in Studio Art: Artist Survival Seminar; (3) REG/AUD.
0101 **(04109)** Demonte, C.
Th 12:30pm-3:00pm (ASY 3304) Lab

ARTT698 *(PermReq)* **Directed Graduate Studies in Studio Art; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head.

ARTT798 *(PermReq)* **Directed Graduate Studies in Art; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head.

ARTT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR Astronomy
(Computer, Mathematical and Physical Sciences)

ASTR100 Introduction to Astronomy; (3) REG/P-F/AUD. CORE: PS *Credit for ASTR 100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 120.* CORE Physical Science Lab (PL) Course when taken concurrently with ASTR 111. CORE Physical Science (PS) Course when taken alone. Discussion sections do not meet the first week. Attend lecture before coming to discussion section.
0101 **(04225)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
M 9:00am-9:50am (CSS 2400) Dis
0102 **(04226)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
M 10:00am-10:50am (CSS 2400) Dis
0103 **(04227)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
M 2:00pm-2:50pm (CSS 2400) Dis
0104 **(04228)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
M 3:00pm-3:50pm (CSS 2400) Dis
0105 **(04229)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
Th 1:00pm-1:50pm (CSS 2400) Dis
0106 **(04230)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
F 9:00am-9:50am (CSS 2400) Dis
0107 **(04231)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
F 12:00pm-12:50pm (CSS 2400) Dis
0201 **(04232)** Ostriker, E.
MWF 9:00am-9:50am (PHY 1412)
M 12:00pm-12:50pm (CSS 2400) Dis
0202 **(04233)** Ostriker, E.
MWF 9:00am-9:50am (PHY 1412)
M 1:00pm-1:50pm (CSS 2400) Dis
0203 **(04234)** Ostriker, E.
MWF 9:00am-9:50am (PHY 1412)
W 10:00am-10:50am (CSS 2400) Dis
0204 **(04235)** Ostriker, E.
MWF 9:00am-9:50am (PHY 1412)
W 1:00pm-1:50pm (CSS 2400) Dis
0205 **(04236)** Ostriker, E.
MWF 9:00am-9:50am (PHY 1412)
W 2:00pm-2:50pm (CSS 2400) Dis
0206 **(04237)** Ostriker, E.
MWF 9:00am-9:50am (PHY 1412)
F 10:00am-10:50am (CSS 2400) Dis
0207 **(04238)** Ostriker, E.
MWF 9:00am-9:50am (PHY 1412)
F 1:00pm-1:50pm (CSS 2400) Dis
0301 **(04239)** STAFF
MWF 9:00am-9:50am (CSS 1113)
M 10:00am-10:50am (CSS 1113) Dis

ASTR100+ Introduction to Astronomy; (3) REG/P-F/AUD. CORE: PS *Credit for ASTR 100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 120.* Restricted to students in a First Year Focus Cluster.
0101 **(04240)** Harris, A.
TuTh 9:30am-10:45am (PHY 1412)
M 9:00am-9:50am (CSS 2400) Dis

ASTR101 General Astronomy; (4) REG/P-F/AUD. CORE: PL *Credit for ASTR 101 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 120.* Discussion sections and lab sections do not meet the first week of classes. Attend lecture before coming to discussion or lab sections.
0101 **(04248)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
F 10:00am-12:00pm (CSS 1109) Lab
W 9:00am-9:50am (CSS 2400) Dis
0102 **(04249)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
F 2:00pm-4:00pm (CSS 1109) Lab
W 9:00am-9:50am (CSS 2400) Dis
0103 **(04250)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Tu 3:30pm-5:30pm (CSS 1109) Lab
Tu 1:00pm-1:50pm (CSS 2400) Dis
0104 **(04251)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Tu 6:00pm-8:00pm (CSS 1109) Lab
Tu 1:00pm-1:50pm (CSS 2400) Dis
0105 **(04252)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 8:00am-10:00am (CSS 1109) Lab
Tu 3:30pm-4:20pm (CSS 2400) Dis
0106 **(04253)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 10:30am-12:30pm (CSS 1109) Lab
Tu 3:30pm-4:20pm (CSS 2400) Dis
0107 **(04254)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 1:00pm-3:00pm (CSS 1109) Lab
W 12:00pm-12:50pm (CSS 2400) Dis
0108 **(04255)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 6:00pm-8:00pm (CSS 1109) Lab
W 12:00pm-12:50pm (CSS 2400) Dis
0109 **(04256)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Th 8:00am-10:00am (CSS 1109) Lab
W 3:00pm-3:50pm (CSS 2400) Dis
0110 **(04257)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Th 3:30pm-5:30pm (CSS 1109) Lab
W 3:00pm-3:50pm (CSS 2400) Dis

ASTR111 Observational Astronomy Laboratory; (1) REG/P-F/AUD. *Corequisite: ASTR 100.* CORE Physical Science Laboratory (PL) Course only when taken concurrently with ASTR 100. The first meetings of ASTR 111 will take place in the week of 8/31 CSS 0201. Subsequent meetings will take place at the Observatory. Details of the transportation will be discussed at the first class meeting.
0101 **(04267)** STAFF
Tu 7:30pm-9:30pm (ALB 1101) Lab
0201 **(04268)** STAFF
W 7:30pm-9:30pm (ALB 1101) Lab

ASTR120 Introductory Astrophysics - Solar System; (3) REG. CORE: PS *Pre- or corequisite: MATH 115. Not open to students who have completed ASTR 100, ASTR 101 or ASTR 200. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 120 or ASTR 200.*
0101 **(04278)** Mundy, L.
TuTh 11:00am-12:15pm (CSS 1113)
F 1:00pm-1:50pm (CSS 1113) Dis

ASTR200 Introductory Astronomy and Astrophysics; (3) REG/P-F/AUD. CORE: PS *Prerequisite: PHYS 161 or PHYS 171. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 121 or ASTR 200.*
0101 **(04288)** Earl, J.
MWF 10:00am-10:50am (CSS 0201)

ASTR220 Collisions in Space; (3) REG/P-F/AUD. CORE: PS *Not open to astronomy students.*
0101 **(04298)** Veilleux, S.
MWF 11:00am-11:50am (CSS 2400)
0201 **(04299)** STAFF
MWF 11:00am-11:50am (CSS 2428)

ASTR288 *(PermReq)* **Special Projects in Astronomy; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course.

ASTR300 Stars and Stellar Systems; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of CORE Distributive Studies requirement in Mathematics and Sciences or permission of department.* Designed primarily for non-physical science majors. Junior standing.
0101 **(04324)** Rose, W.
TuTh 2:00pm-3:15pm (CSS 2400)

ASTR310 Optical Astronomy Techniques; (3) REG/P-F/AUD. *Prerequisites: {PHYS 273 and PHYS 276} or {PHYS 263 and PHYS 263A} or permission of department. For ASTR majors only.* Course is offered in the fall semester only.
0101 **(04334)** Harrington, J.
TuTh 3:30pm-4:45pm (CSS 2416)

ASTR330 Solar-System Astronomy; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of CORE Distributive Studies requirement in Mathematics and Sciences or permission of department.* Designed primarily for non-physical science majors. Junior standing.
0101 **(04344)** Kundu, M.
TuTh 9:30am-10:45am (CSS 2400)

ASTR340 Origin of the Universe; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of the CORE Distributive Studies requirement in Mathematics and the Sciences or permission of department.*
0101 **(04354)** Wilson, A.
TuTh 11:00am-12:15pm (CSS 2400)

ASTR350 Astronomy and Astrophysics; (4) REG/P-F/AUD. *Prerequisites: ASTR 200 and (PHYS 272 or PHYS 262 or PHYS 142) or permission of department. Corequisite: PHYS 273 or PHYS 263.* Recommended for science majors.
0101 **(04364)** Trimble, V.
TuTh 9:30am-10:45am (CSS 0201)
W 12:00pm-12:50pm (CSS 0201) Dis

ASTR380 Life in the Universe; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of CORE Distributive Studies requirement in Mathematics and Sciences or permission of department.* Designed primarily for non-science majors. Junior standing.
0101 **(04374)** Theison, D.
TuTh 2:00pm-3:15pm (CSS 1113)

ASTR399 Honors Seminar; (1-16) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ASTR430 The Solar System; (3) REG. *Prerequisite: MATH 246 and either PHYS 263 or PHYS 273, or permission of department.*
0101 **(04400)** Hamilton, D.
TuTh 9:30am-10:45am (CSS 2428)

ASTR498 *(PermReq)* **Special Problems in Astronomy; (1-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. This course is open only to those who make prior arrangements with a member of the astronomy faculty.

ASTR498E Special Problems in Astronomy: High Energy; (3) REG.
0101 **(04426)** Madejski, G.
TuTh 2:00pm-3:15pm (CSS 0201)

ASTR610 Astronomical Instrumentation and Techniques; (3) REG.
Prerequisite: PHYS 405 or permission of department.
0101 **(04427)** A'Hearn, M.
TuTh 12:30pm-1:45pm (CSS 0201)

ASTR688R Special Topics in Modern Astronomy: Radiation and Plasma Processes; (3) REG.
0101 **(04447)** Wang, J.
WF 2:00pm-3:15pm (CSS 0201)

ASTR688S Special Topics in Modern Astronomy: Origin of Solar System; (2) REG.
0101 **(51674)** STAFF
M 10:00am-11:40am (PLS 1164)

ASTR695 Introduction to Research; (1) S-F. *Repeatable to 2 credits if content differs.*
0101 **(04456)** Harris, A.
Tu 5:00pm-6:00pm (CSS 1224)

ASTR699 *(PermReq)* **Special Problems in Advanced Astronomy; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR788 *(PermReq)* **Selected Topics in Modern Astronomy; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

BCHM Biochemistry
(Life Sciences)

BCHM461 Biochemistry I; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 247.*
0101 **(04581)** Forbes, J.
TuTh 8:00am-9:15am (CHM 1402)
0102 **(04582)** Arias, J.
TuTh 9:30am-10:45am (CHM 1407)

BCHM461A Biochemistry I; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 247.* For BCHM and CHEM majors only.
0101 **(04592)** Hansen, J.
TuTh 8:00am-9:15am (CHM 0115)

BCHM462 Biochemistry II; (3) REG/P-F/AUD. *Prerequisite: BCHM 461.*
0101 **(04602)** Laney, J.
TuTh 9:30am-10:45am (CHM 1402)

BCHM464 Biochemistry Laboratory; (3) REG/P-F/AUD. *Corequisite: BCHM 462. For BCHM and CHEM majors only.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(04612)** Ebrahimian, S.
Th 12:30pm-5:30pm (CHM 2225) Lab
Tu 12:30pm-1:20pm (CHM 0122) Dis
0102 **(04613)** Ebrahimian, S.
W 1:00pm-6:00pm (CHM 2225) Lab
Tu 12:30pm-1:20pm (CHM 0122) Dis

BCHM465 Biochemistry III; (3) REG/P-F/AUD. CORE: CS
Prerequisite: BCHM 462.
0101 **(04623)** Julin, D.
TuTh 8:00am-9:15am (CHM 0119)

BCHM671 Protein Chemistry and Enzymic Catalysis; (3) REG/AUD.
0101 **(04633)** Jollie, D.
TuTh 9:30am-10:50am (CHM 2201)

BCHM674 Nucleic Acids; (3) REG/AUD.
0101 **(04643)** Woodson, S.
TuTh 8:00am-9:15am (CHM 2201)

BCHM699 Special Problems in Biochemistry; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates.

BCHM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

BCHM898A Seminar: Biochemistry; (1) REG/AUD.
0101 **(04737)** Forbes, J.
Tu 11:00am-11:50am (CHM 0128)

BCHM898D Seminar: Enzymology Recombination; (1) REG/AUD.
0101 **(04747)** Julin, D.
Time and room to be arranged

BCHM898E Seminar: Catalytic RNA; (1) REG/AUD.
0101 **(04757)** Woodson, S.
Time and room to be arranged

BCHM898F Seminar: Spores; (1) REG/AUD.
0101 **(04767)** Hansen, J.
Time and room to be arranged

BCHM898G Seminar: Enzymology; (1) REG/AUD.
0101 **(04777)** Jollie, D.
Time and room to be arranged

BCHM898I Seminar: Motor Proteins; (1) REG/AUD.
0101 **(04787)** Forbes, J.
Time and room to be arranged

BCHM898J Seminar: Nucleic Acid Structures; (1) REG/AUD.
0101 **(04797)** Kahn, J.
Time and room to be arranged

BCHM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

BIOL Biological Sciences
(Life Sciences)

Note: Additional Biological Sciences courses may be found under these course headings: ENTM, MICB, PBIO, and ZOOL.

BIOL101 Concepts of Biology; (3) REG/P-F/AUD. CORE Life Sciences Lab (LL) Course only when taken concurrently with BIOL 102. For non-science majors.
1101 **(04898)** Presson, J.
MWF 11:00am-11:50am (HJP 0226)

BIOL102 Laboratory in Biology; (1) REG/P-F/AUD. *Pre- or corequisite: BIOL 101.* For non-science majors. CORE Life Sciences Lab (LL) Course only when taken concurrently with BIOL 101. Students must pay a $40.00 Laboratory Materials fee.
2001 **(04908)** Presson, J.
M 12:00pm-2:50pm (HJP 2103) Lab
2005 **(04909)** Presson, J.
M 3:00pm-5:50pm (HJP 2103) Lab
3001 **(04910)** Presson, J.
Tu 9:00am-11:50am (HJP 2103) Lab
3005 **(04911)** Presson, J.
Tu 12:00pm-2:50pm (HJP 2103) Lab
3008 **(04912)** Presson, J.
Tu 3:00pm-5:50pm (HJP 2103) Lab
4001 **(04913)** Presson, J.
W 12:00pm-2:50pm (HJP 2103) Lab
4005 **(04914)** Presson, J.
W 3:00pm-5:50pm (HJP 2103) Lab
5001 **(04915)** Presson, J.
Th 8:00am-10:50am (HJP 2103) Lab
5005 **(04916)** Presson, J.
Th 11:00am-1:50pm (HJP 2103) Lab
6001 **(04917)** Presson, J.
F 12:00pm-2:50pm (HJP 2103) Lab

BIOL105 Principles of Biology I; (4) REG/P-F/AUD. CORE: LL
Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BIOL 101 or BIOL 105. Students must pay a $40.00 Laboratory Materials fee.
5114 **(04927)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
M 11:00am-1:50pm (HJP 1235) Lab
5117 **(04929)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
M 2:00pm-4:50pm (HJP 2104) Lab
5121 **(04930)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 8:00am-10:50am (HJP 1235) Lab
5123 **(04931)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 11:00am-1:50pm (HJP 1235) Lab
5125 **(04932)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 2:00pm-4:50pm (HJP 1235) Lab
5126 **(04933)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 2:00pm-4:50pm (HJP 2104) Lab
5133 **(04934)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
W 11:00am-1:50pm (HJP 1235) Lab
5135 **(04935)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
W 2:00pm-4:50pm (HJP 1235) Lab
5136 **(04936)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
W 2:00pm-4:50pm (HJP 2104) Lab
5139 **(04937)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
W 3:00pm-5:50pm (HJP 1236) Lab
5141 **(04938)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Th 8:00am-10:50am (HJP 1235) Lab
5142 **(04939)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Th 8:00am-10:50am (HJP 1236) Lab
5143 **(04940)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Th 11:00am-1:50pm (HJP 1235) Lab
5145 **(04942)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Th 2:00pm-4:50pm (HJP 1235) Lab
5146 **(04943)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Th 2:00pm-4:50pm (HJP 2104) Lab
5147 **(04944)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Th 2:00pm-4:50pm (HJP 1236) Lab
5153 **(04945)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
F 11:00am-1:50pm (HJP 1235) Lab
5214 **(04946)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
M 10:00am-12:50pm (HJP 1226) Lab
5216 **(04947)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
M 1:00pm-3:50pm (HJP 1226) Lab
5218 **(04948)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
M 4:00pm-6:50pm (HJP 1226) Lab
5222 **(04949)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
Tu 8:00am-10:50am (HJP 1226) Lab
5224 **(04950)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
Tu 11:00am-1:50pm (HJP 1226) Lab
5226 **(04951)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
Tu 2:00pm-4:50pm (Arranged) Lab
5231 **(04952)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
W 9:00am-11:50am (HJP 1226) Lab
5232 **(04953)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
W 9:00am-11:50am (HJP 1236) Lab
5233 **(04954)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
W 12:00pm-2:50pm (HJP 1236) Lab
5234 **(04955)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
W 12:00pm-2:50pm (HJP 1226) Lab
5235 **(04956)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
W 3:00pm-5:50pm (HJP 1226) Lab
5241 **(04957)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
Th 8:00am-10:50am (HJP 1226) Lab
5243 **(04958)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
Th 11:00am-1:50pm (HJP 1226) Lab
5247 **(04959)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
Th 2:00pm-4:50pm (HJP 1226) Lab
5251 **(04960)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
F 9:00am-11:50am (HJP 1226) Lab
5252 **(04961)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
F 9:00am-11:50am (HJP 1236) Lab
5253 **(04962)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
F 12:00pm-2:50pm (HJP 1226) Lab
5254 **(04963)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
F 12:00pm-2:50pm (HJP 1236) Lab
5318 **(04964)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
M 11:00am-1:50pm (HJP 2104) Lab
5320 **(04965)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
M 5:00pm-7:50pm (HJP 1235) Lab
5321 **(04966)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 8:00am-10:50am (HJP 2104) Lab
5323 **(04967)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 11:00am-1:50pm (HJP 2104) Lab
5327 **(04968)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 2:00pm-4:50pm (HJP 1226) Lab
5328 **(04969)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 5:00pm-7:50pm (HJP 1235) Lab
5331 **(04970)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
W 8:00am-10:50am (HJP 2104) Lab
5333 **(04972)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
W 11:00am-1:50pm (HJP 2104) Lab
5341 **(04973)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 8:00am-10:50am (HJP 2104) Lab
5343 **(04974)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
Th 11:00am-1:50pm (HJP 2104) Lab
5351 **(04975)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
F 8:00am-10:50am (HJP 2104) Lab
5352 **(04976)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
F 8:00am-10:50am (HJP 1235) Lab

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8101 **(*****)** Gross, P.
Tu 6:00pm-9:00pm (HJP 2242)
Th 6:00pm-9:00pm (HJP 1235) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

8102 **(*****)** Gross, P.
Tu 6:00pm-9:00pm (HJP 2242)
Th 6:00pm-9:00pm (HJP 1236) Lab

Section 8102 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

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BIOL105+ Principles of Biology I; (4) REG/P-F/AUD. CORE: LL
Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BIOL 101 or BIOL 105. Restricted to students in a First Year Focus Cluster or College Park Scholars - Life Sciences. Students must pay a $40.00 Laboratory Materials fee.
5116 **(04996)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
M 2:00pm-4:50pm (HJP 1235) Lab
Restricted to students in a First Year Focus Cluster.

5117 **(04990)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
M 2:00pm-4:50pm (HJP 2104) Lab
Restricted to College Park Scholars - Life Sciences.

5222 **(04991)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
Tu 8:00am-10:50am (HJP 1226) Lab
Restricted to College Park Scholars - Life Sciences.

5231 **(04992)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
W 9:00am-11:50am (HJP 1226) Lab
Restricted to College Park Scholars - Life Sciences.

5247 **(04993)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
Th 2:00pm-4:50pm (HJP 1226) Lab
Restricted to College Park Scholars - Life Sciences.

5327 **(04994)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
Tu 2:00pm-4:50pm (HJP 1226) Lab
Restricted to College Park Scholars - Life Sciences.

5332 **(04995)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
W 8:00am-10:50am (HJP 1235) Lab
Restricted to students in a First Year Focus Cluster.

BIOL105H Principles of Biology I; (4) REG/P-F/AUD. CORE: LL
Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BIOL 101 or BIOL 105. For general honors students only. Students must pay a $40.00 Laboratory Materials fee.
5122 **(05004)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 2:00pm-4:50pm (HJP 1236) Lab
5125 **(05005)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
Tu 11:00am-1:50pm (HJP 1236) Lab
5215 **(05006)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
M 1:00pm-3:50pm (HJP 1236) Lab
5223 **(05007)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
Tu 8:00am-10:50am (HJP 1236) Lab
5319 **(05008)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)
M 10:00am-12:50pm (HJP 1236) Lab

BIOL105M *(PermReq)* **Principles of Biology I; (4)** REG/P-F/AUD. CORE: LL *Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BIOL 101 or BIOL 105.* Prerequisite: BIOL 105 taken within twelve months of the semester in which BIOL 105M is taken. A student is eligible to take this course only if the lab scores received in BIOL 105 the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in BIOL 105M.
5121 **(05018)** Benson, S.
MWF 10:00am-10:50am (ZOP 1240)
5232 **(05019)** Popper, A.
MWF 8:00am-8:50am (ZOP 1240)
5320 **(05020)** Higgins, W.
MWF 2:00pm-2:50pm (ZOP 1240)

BIOL106 Principles of Biology II; (4) REG/P-F/AUD. CORE: LL *Prerequisite: MATH 110 placement. For science majors.* Students must pay a $40.00 Laboratory Materials fee.
6116 **(05030)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
M 12:00pm-2:50pm (ZOP 0245) Lab
6119 **(05031)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
M 3:00pm-5:50pm (ZOP 0245) Lab
6121 **(05032)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
Tu 8:00am-10:50am (ZOP 0245) Lab
6123 **(05033)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
Tu 11:00am-1:50pm (ZOP 0249) Lab
6124 **(05034)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
Tu 11:00am-1:50pm (ZOP 0245) Lab
6126 **(05035)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
Tu 2:00pm-4:50pm (ZOP 0249) Lab
6127 **(05036)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
Tu 2:00pm-4:50pm (ZOP 0245) Lab
6131 **(05037)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
W 8:00am-10:50am (ZOP 0245) Lab
6132 **(05038)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
W 8:00am-10:50am (ZOP 0249) Lab
6136 **(05039)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
W 12:00pm-2:50pm (ZOP 0245) Lab
6139 **(05040)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
W 3:00pm-5:50pm (ZOP 0245) Lab
6141 **(05041)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
Th 8:00am-10:50am (ZOP 0245) Lab
6144 **(05042)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
Th 11:00am-1:50pm (ZOP 0245) Lab
6147 **(05043)** Via, S.
MWF 11:00am-11:50am (ZOP 1240)
Th 2:00pm-4:50pm (ZOP 0245) Lab

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8101 **(*****)** STAFF
Tu 6:00pm-9:00pm (ZOP 1238)
Th 6:00pm-9:00pm (ZOP 0245) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

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BIOL222 Principles of Genetics; (4) REG/P-F/AUD. *Prerequisites: BIOL 105, one year college chemistry. Credit will be granted for only one of the following: ZOOL 213, HORT 274, or ANSC 201.*
8111 **(05054)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
M 4:00pm-5:50pm (PLS 1164) Dis
8121 **(05055)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 8:00am-9:50am (PLS 1164) Dis
8122 **(05056)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 10:00am-11:50am (PLS 1164) Dis
8123 **(05057)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 12:00pm-1:50pm (PLS 1164) Dis
8125 **(05058)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Tu 2:00pm-3:50pm (PLS 1164) Dis
8131 **(05059)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 8:00am-9:50am (PLS 1164) Dis

BIOL222 cont'd

8132 **(05060)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 10:00am-11:50am (PLS 1164) Dis
8133 **(05061)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 1:00pm-2:50pm (PLS 1164) Dis
8134 **(05062)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 1:00pm-2:50pm (PLS 1168) Dis
8136 **(05063)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 4:00pm-5:50pm (PLS 1164) Dis
8137 **(05064)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
W 4:00pm-5:50pm (PLS 1168) Dis
8141 **(05065)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Th 8:00am-9:50am (PLS 1164) Dis
8142 **(05066)** Bottino, P.
MWF 3:00pm-3:50pm (ZOP 1240)
Th 10:00am-11:50am (PLS 1164) Dis
8143 **(05067)** Chang, C.
MWF 3:00pm-3:50pm (HJP 0226)
Th 12:00pm-1:50pm (PLS 1164) Dis
8151 **(05068)** Chang, C.
MWF 3:00pm-3:50pm (HJP 0226)
F 8:00am-9:50am (PLS 1164) Dis
8152 **(05069)** Chang, C.
MWF 3:00pm-3:50pm (HJP 0226)
F 10:00am-11:50am (PLS 1164) Dis
8153 **(05070)** Chang, C.
MWF 3:00pm-3:50pm (HJP 0226)
F 12:00pm-1:50pm (PLS 1164) Dis
8217 **(05071)** Chang, C.
MWF 3:00pm-3:50pm (HJP 0226)
M 4:00pm-5:50pm (PLS 1168) Dis
8257 **(05072)** Chang, C.
MWF 3:00pm-3:50pm (HJP 0226)
F 12:00pm-1:50pm (PLS 1168) Dis

BIOL222H Principles of Genetics; (4) REG/P-F/AUD. *Prerequisites: BIOL 105, one year college chemistry. Credit will be granted for only one of the following: ZOOL 213, HORT 274, or ANSC 201.* For general honors students only.
8124 **(05082)** Chang, C.
MWF 3:00pm-3:50pm (HJP 0226)
Tu 2:00pm-3:50pm (PLS 1184) Dis

BIOL258 Special Projects; (1-3) REG/P-F/AUD. Restricted to College Park Scholars - Life Sciences. Must be approved by the Director.
8005 **(05092)** Hellman, J.
Time and room to be arranged
8006 **(05093)** Dudash, M.
Time and room to be arranged
8007 **(05094)** Wilkinson, G.
Time and room to be arranged
8008 **(05095)** Benson, S.
Time and room to be arranged
8009 **(05096)** Brauth, S.
Time and room to be arranged
8010 **(05097)** Eichhorn, B.
Time and room to be arranged

BIOL288 *(PermReq)* **Field Experience; (1-6)** REG.
8805 **(05107)** Hellman, J.
Time and room to be arranged
8806 **(05108)** Higgins, W.
Time and room to be arranged

BIOL289 Off-Campus Internship; (1-3) REG. This course provides credit for off-campus research internships. This credit counts as elective toward graduation, but does not satisfy any Biological Sciences degree requirements (Information about research credit that does count toward Biological Sciences contact the Biological Sciences Program, room 1213 Symons Hall) The off-campus internship credit requires that a contract form be filed with the Science Outreach Office, Room 0216 Symons Hall, prior to the internship. The contract must be finalized and signed by the research supervisor at the end of the semester before credit will be awarded.
1110 **(05109)** STAFF
Time and room to be arranged

BIOM Biometrics
(Agriculture and Natural Resources)

BIOM301 Introduction to Biometrics; (3) REG/P-F/AUD. *Prerequisite: MATH 115.*
0101 **(05158)** Hakenkamp, C.
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 3:00pm-3:50pm (JMZ 0208) Dis
0102 **(05159)** Hakenkamp, C.
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 4:00pm-4:50pm (ANS 0412) Dis
0103 **(05160)** Hakenkamp, C.
TuTh 2:00pm-2:50pm (HJP 0226)
W 1:00pm-1:50pm (CSS 1113) Dis
0104 **(05161)** Hakenkamp, C.
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 3:00pm-3:50pm (ZOP 1232) Dis
0105 **(05162)** Hakenkamp, C.
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 4:00pm-4:50pm (HJP 2242) Dis

BIOM401 Biostatistics I; (4) REG/P-F/AUD. *Prerequisite: BIOM 301.*
0101 **(05173)** Douglass, L.
TuTh 12:30pm-1:45pm (ANS 0408)
Tu 3:00pm-5:00pm (ANS 0473) Lab
0102 **(05174)** Douglass, L.
TuTh 12:30pm-1:45pm (ANS 0408)
W 9:00am-11:00am (ANS 0473) Lab
0103 **(05175)** Douglass, L.
TuTh 12:30pm-1:45pm (ANS 0408)
W 12:00pm-2:00pm (ANS 0473) Lab
0105 **(05176)** Douglass, L.
TuTh 12:30pm-1:45pm (ANS 0408)
Th 2:00pm-4:00pm (ANS 0473) Lab

BIOM603 Biostatistics III; (3) REG/AUD. *Corequisite: BIOM 604. Prerequisite: BIOM 602; and BIOM 405 or equivalent.*
0101 **(05186)** Russek-Cohen, E.
TuTh 2:00pm-3:15pm (ANS 0402)

BIOM604 Linear Models Computer Laboratory; (1) REG/AUD. *Corequisite: BIOM 603. Prerequisite: BIOM 405.*
0101 **(05196)** STAFF
Th 9:00am-11:00am (ANS 0473) Lab

BIOM688A *(PermReq)* **Topics in Biometrics: Consulting Experience in Biometrics; (1-3)** REG/AUD.
0101 **(05206)** Douglass, L.
Time and room to be arranged

BIOM688B *(PermReq)* **Topics in Biometrics: Applied Multivariate Statistics; (3)** REG/AUD.
0101 **(05216)** Russek-Cohen, E.
TuTh 11:00am-12:15pm (ANS 0412)

BIOM698 Special Problems in Biometrics; (1-3) REG/AUD.
0101 **(05226)** Russek-Cohen, E.
Time and room to be arranged

BMGT Business and Management
(Business and Management)

BMGT110 Introduction to Business and Management; (3) REG/P-F/AUD. *Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime.*
0101 **(05276)** Nickels, W.
TuTh 2:00pm-3:15pm (TYD 0130)

BMGT110+ Introduction to Business and Management; (3) REG/P-F/AUD. *Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime.* Restricted to students in a First Year Focus Cluster.
0101 **(05277)** Nickels, W.
TuTh 2:00pm-3:15pm (TYD 0130)
0102 **(05278)** Nickels, W.
TuTh 2:00pm-3:15pm (TYD 0130)
0103 **(05279)** Nickels, W.
TuTh 2:00pm-3:15pm (TYD 0130)
0104 **(05280)** Nickels, W.
TuTh 2:00pm-3:15pm (TYD 0130)
0105 **(05281)** Nickels, W.
TuTh 2:00pm-3:15pm (TYD 0130)

BMGT110B Introduction to Business and Management; (3) REG/P-F/AUD. *Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime.* Restricted to College Park Scholars - Business, Society, and the Economy.
0101 **(05283)** Lefkoff-Hagius, R.
MW 3:00pm-4:30pm (PLS 1130)
0102 **(05284)** Lefkoff-Hagius, R.
MW 3:00pm-4:30pm (PLS 1130)
0103 **(05285)** Lefkoff-Hagius, R.
MW 3:00pm-4:30pm (PLS 1130)
0104 **(07259)** Lefkoff-Hagius, R.
MW 3:00pm-4:30pm (PLS 1130)

BMGT190H Introduction to Design and Quality; (3) REG. *Prerequisite: permission of College. Also offered as ENES 190.* First course in a sequence of four Total Quality Program Courses. For total Quality Program participants only.
0101 **(05286)** Assad, A.
MW 5:00pm-6:15pm (VMH 2203)

BMGT201 Introduction to Business Computing; (3) REG. *Sophomore standing. For BMGT majors only. Not open to students who have completed BMGT 301 prior to Fall 1997.* Sophmore Standing.
0101 **(05296)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1202) Dis
0102 **(05297)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 1:00pm-1:50pm (VMH 1202) Dis
0103 **(05298)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 2:00pm-2:50pm (VMH 1202) Dis
0104 **(05299)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1202) Dis
0105 **(05300)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 4:00pm-4:50pm (VMH 1202) Dis
0201 **(05301)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 12:00pm-12:50pm (VMH 1203) Dis
0202 **(05302)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 1:00pm-1:50pm (VMH 1203) Dis
0203 **(05303)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 2:00pm-2:50pm (VMH 1203) Dis
0204 **(05304)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 3:00pm-3:50pm (VMH 1203) Dis
0205 **(05305)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 4:00pm-4:50pm (VMH 1203) Dis
0301 **(05306)** Chaires, J.
W 5:00pm-7:40pm (VMH 1212)
M 5:00pm-5:50pm (TYD 2102) Dis
0302 **(05307)** Chaires, J.
W 5:00pm-7:40pm (VMH 1212)
M 6:00pm-6:50pm (TYD 2102) Dis
0303 **(05308)** Chaires, J.
W 5:00pm-7:40pm (VMH 1212)
M 7:00pm-7:50pm (TYD 2102) Dis

BMGT220 Principles of Accounting I; (3) REG. *Sophomore standing.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam.
0101 **(05318)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 8:00am-8:50am (TYD 1118) Dis
0102 **(05319)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 8:00am-8:50am (TYD 2109) Dis
0103 **(05320)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 9:00am-9:50am (TYD 1118) Dis
0104 **(05321)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 10:00am-10:50am (TYD 1118) Dis
0105 **(05322)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 11:00am-11:50am (TYD 1118) Dis
0106 **(05323)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 1118) Dis
0107 **(05324)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 1118) Dis
0108 **(05325)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 2:00pm-2:50pm (TYD 1118) Dis
0109 **(05326)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 2:00pm-2:50pm (TYD 2109) Dis
0110 **(05327)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 3:00pm-3:50pm (TYD 1118) Dis
0111 **(05328)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 3:00pm-3:50pm (TYD 2109) Dis
0112 **(05329)** Rymer, V.
MW 11:00am-12:15pm (TYD 0130)
F 4:00pm-4:50pm (TYD 1108) Dis
0201 **(05330)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 8:00am-8:50am (TYD 2102) Dis
0202 **(05331)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 9:00am-9:50am (TYD 2102) Dis
0203 **(05332)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 10:00am-10:50am (TYD 2102) Dis
0204 **(05333)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 11:00am-11:50am (TYD 2102) Dis
0205 **(05334)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 2102) Dis
0206 **(05335)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 2102) Dis
0207 **(05336)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 2109) Dis
0208 **(05337)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 2:00pm-2:50pm (TYD 2102) Dis
0209 **(05338)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 3:00pm-3:50pm (TYD 2102) Dis
0210 **(05339)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 4:00pm-4:50pm (TYD 2102) Dis

BMGT221 Principles of Accounting II; (3) REG. *Prerequisite: BMGT 220.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(05349)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 9:00am-9:50am (ARC 1101) Dis
0102 **(05350)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 9:00am-9:50am (VMH 1311) Dis
0103 **(05351)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 10:00am-10:50am (TYD 2109) Dis
0104 **(05352)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 11:00am-11:50am (VMH 1203) Dis
0105 **(05353)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 12:00pm-12:50pm (TYD 2109) Dis
0106 **(05354)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 1:00pm-1:50pm (ARC 1101) Dis
0107 **(05355)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 1:00pm-1:50pm (TYD 1101) Dis
0108 **(05356)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 2:00pm-2:50pm (VMH 1307) Dis
0109 **(05357)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 3:00pm-3:50pm (VMH 1307) Dis

BMGT230 Business Statistics; (3) REG. *Prerequisite: MATH 220. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URSP 350, or TEXT 400.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam.
0101 **(05367)** Webster, D.
TuTh 8:00am-9:15am (SKN 0200)
F 8:00am-8:50am (TYD 1108) Dis
0102 **(05368)** Webster, D.
TuTh 8:00am-9:15am (SKN 0200)
F 8:00am-8:50am (VMH 1311) Dis
0103 **(05369)** Webster, D.
TuTh 8:00am-9:15am (SKN 0200)
F 9:00am-9:50am (TYD 1108) Dis
0104 **(05370)** Webster, D.
TuTh 8:00am-9:15am (SKN 0200)
F 10:00am-10:50am (TYD 1108) Dis
0105 **(05371)** Webster, D.
TuTh 8:00am-9:15am (SKN 0200)
F 11:00am-11:50am (TYD 1108) Dis
0106 **(05372)** Webster, D.
TuTh 8:00am-9:15am (SKN 0200)
F 12:00pm-12:50pm (TYD 1108) Dis
0107 **(05373)** Webster, D.
TuTh 8:00am-9:15am (SKN 0200)
F 1:00pm-1:50pm (TYD 1108) Dis
0108 **(05374)** Webster, D.
TuTh 8:00am-9:15am (SKN 0200)
F 1:00pm-1:50pm (VMH 1207) Dis
0109 **(05375)** Webster, D.
TuTh 8:00am-9:15am (SKN 0200)
F 2:00pm-2:50pm (TYD 1108) Dis
0110 **(05376)** Webster, D.
TuTh 8:00am-9:15am (SKN 0200)
F 2:00pm-2:50pm (VMH 1314) Dis
0111 **(05377)** Webster, D.
TuTh 8:00am-9:15am (SKN 0200)
F 3:00pm-3:50pm (TYD 1108) Dis
0201 **(05378)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 8:00am-8:50am (VMH 1107) Dis
0202 **(05379)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 9:00am-9:50am (VMH 1107) Dis
0203 **(05380)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 10:00am-10:50am (VMH 1107) Dis
0204 **(05381)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 11:00am-11:50am (VMH 1107) Dis
0205 **(05382)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 12:00pm-12:50pm (VMH 1107) Dis
0206 **(05383)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 1:00pm-1:50pm (VMH 1107) Dis
0207 **(05384)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 2:00pm-2:50pm (VMH 1107) Dis
0208 **(05385)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 3:00pm-3:50pm (VMH 1107) Dis
0209 **(05386)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 4:00pm-4:50pm (VMH 1107) Dis

BMGT231 Statistical Models For Business; (3) REG. *Prerequisite: MATH 141 or permission of department Required for management science and statistics and decision and information sciences majors. Credit will be granted for only one of the following: BMGT 231, ENEE 324, or STAT 400.*
0101 **(05396)** Widhelm, W.
TuTh 12:30pm-1:45pm (KEY 0102)
F 9:00am-9:50am (VMH 1202) Dis
0102 **(05398)** Widhelm, W.
TuTh 12:30pm-1:45pm (KEY 0102)
F 12:00pm-12:50pm (TYD 0102) Dis
0201 **(05397)** Nichols, L.
TuTh 9:30am-10:45am (TYD 1108)
F 10:00am-10:50am (VMH 1202) Dis

BMGT302 Business Computer Application Programming; (3) REG. *Prerequisite: BMGT 201 or CMSC 102 or CMSC 103 or permission of department. Not open to computer science students. For BMGT majors only.* This is a restricted course for BMGT majors and 08380 majors with 68 semester hours completed. All others must have authorization.
0101 **(05407)** Venkatesh, V.
TuTh 8:00am-9:15am (ARC 1103)
0201 **(05408)** Venkatesh, V.
TuTh 9:30am-10:45am (ARC 1103)

BMGT305 Survey of Business Information Systems and Technology; (3) REG. *For decision and information science majors only. Not open to computer science students. 53 semester hours.*
0101 **(05418)** STAFF
TuTh 9:30am-10:45am (VMH 1307)

BMGT310 Intermediate Accounting I; (3) REG. *Prerequisite: BMGT 221.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. This is a restricted course for accounting and Finance majors with 53 credit hours completed. All others must have authorization.
0101 **(05428)** Pfeiffer, G.
TuTh 8:00am-9:15am (VMH 1303)
0201 **(05429)** Pfeiffer, G.
MW 9:30am-10:45am (TYD 1108)
0301 **(05430)** Park, T.
MW 2:00pm-3:15pm (EDU 3315)
0401 **(05431)** Fettus, S.
TuTh 11:00am-12:15pm (TYD 1118)
0501 **(05432)** Fettus, S.
TuTh 2:00pm-3:15pm (TYD 1118)
0601 **(05433)** Park, T.
MW 3:30pm-4:45pm (ASY 3207)
0701 **(05434)** Troy, C.
MW 8:00am-9:15am (TYD 1108)

BMGT311 Intermediate Accounting II; (3) REG. *Prerequisite: BMGT 310.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is restricted to accounting majors with 65 semester hours completed. All others must have authorization.
0101 **(05444)** Michelson, B.
M 7:00pm-9:40pm (TYD 2109)
0201 **(05445)** Kim, O.
MW 2:00pm-3:15pm (TYD 2102)
0301 **(05446)** Kim, O.
MW 3:30pm-4:45pm (TYD 2102)

BMGT321 Cost Accounting; (3) REG. *Prerequisite: BMGT 221.* This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization.
0101 **(05456)** Leung, K.
TuTh 11:00am-12:15pm (LEF 2208)
0201 **(05457)** Leung, K.
TuTh 12:30pm-1:45pm (TYD 2109)
0301 **(05458)** Loeb, M.
MW 11:00am-12:15pm (TYD 2111)
0401 **(05459)** Leung, K.
MW 12:30pm-1:45pm (TYD 1118)

BMGT323 Income Tax Accounting; (3) REG. *Prerequisite: BMGT 221.* This course is restricted to BMGT majors with 53 semester hours. All others must have authorization.
0101 **(05469)** Pfeiffer, G.
MW 5:00pm-6:15pm (TYD 1118)
0201 **(05470)** Pantalone, V.
TuTh 3:30pm-4:45pm (TYD 1118)
0301 **(05471)** Pfeiffer, G.
MW 2:00pm-3:15pm (TYD 1118)
0401 **(05472)** Pfeiffer, G.
MW 3:30pm-4:45pm (TYD 1118)

BMGT326 Accounting Systems; (3) REG. *Prerequisites: BMGT 301; and BMGT 321.* This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization.
0101 **(05482)** Rose, S.
MW 9:30am-10:45am (VMH 2203)
0201 **(05483)** Rose, S.
MW 12:30pm-1:45pm (VMH 2203)

BMGT332 Operations Research For Management Decisions; (3) REG. *Prerequisite: BMGT 230.* Not for management science-statistics majors. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization.
0201 **(05494)** STAFF
TuTh 11:00am-12:15pm (TYD 1108)
0301 **(05495)** STAFF
TuTh 12:30pm-1:45pm (VMH 1206)

BMGT340 Business Finance; (3) REG. *Prerequisites: BMGT 221; and [BMGT 230 or BMGT 231].* This course is restricted to BMGT majors with 53 semester hours and major code 0111C. All others must have authorization.
0101 **(05505)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 8:00am-8:50am (VMH 1206) Dis
0102 **(05506)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 9:00am-9:50am (VMH 1206) Dis
0103 **(05507)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 10:00am-10:50am (VMH 1206) Dis

0104 **(05508)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 11:00am-11:50am (VMH 1206) Dis
0105 **(05509)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1206) Dis
0106 **(05510)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1206) Dis
0201 **(05511)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 8:00am-8:50am (VMH 1207) Dis
0202 **(05512)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 9:00am-9:50am (VMH 1207) Dis
0203 **(05513)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 10:00am-10:50am (VMH 1207) Dis
0204 **(05514)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 11:00am-11:50am (VMH 1207) Dis
0205 **(05515)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1207) Dis
0206 **(05516)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1207) Dis

BMGT343 Investments; (3) REG. *Prerequisite: BMGT 340.* This course is restricted to finance majors with 68 semester hours completed. All others must have authorization.
0101 **(05526)** Polakoff, M.
MW 2:00pm-3:15pm (TYD 1108)
0201 **(05527)** Polakoff, M.
MW 3:30pm-4:45pm (VMH 1207)
0301 **(05528)** Agoro-Menyang, S.
MW 12:30pm-1:45pm (VMH 1303)
0401 **(05529)** Agoro-Menyang, S.
MW 5:00pm-6:15pm (VMH 1207)

BMGT350 Marketing Principles and Organization; (3) REG. *Prerequisite: ECON 200 or ECON 205.* This course is restricted to marketing majors with 53 semester hours completed. Other BMGT majors and students with major codes 0803C, 08380, 1102B, 1103B, 1105B, 1106B, 1107B, 1108B, 1303A, 1303B, 1303C, 1303E, 1304A, 0601A, 0601F, 0602A, 0602F, or 0111C must have 70 semester hours completed. All others must have authorization.
0101 **(05539)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 8:00am-8:50am (VMH 1307) Dis
0102 **(05540)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 9:00am-9:50am (VMH 1307) Dis
0103 **(05541)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 10:00am-10:50am (VMH 1307) Dis
0104 **(05542)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 11:00am-11:50am (VMH 1311) Dis
0105 **(05543)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 12:00pm-12:50pm (VMH 1311) Dis
0106 **(05544)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 1:00pm-1:50pm (VMH 1206) Dis
0107 **(05545)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 8:00am-8:50am (VMH 1203) Dis
0108 **(05546)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 9:00am-9:50am (VMH 1203) Dis
0109 **(05547)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 10:00am-10:50am (VMH 1311) Dis
0110 **(05548)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 1:00pm-1:50pm (VMH 1311) Dis
0111 **(05549)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 2:00pm-2:50pm (VMH 1311) Dis
0112 **(05550)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 4:00pm-4:50pm (VMH 1311) Dis

BMGT350H ***(PermReq)*** **Marketing Principles and Organization; (3)** REG. *Prerequisite: ECON 200 or ECON 205.* For general honors students only.
0101 **(05560)** Lefkoff-Hagius, R.
MW 12:30pm-1:45pm (VMH 1207)

BMGT353 Retail Management; (3) REG. *Prerequisites: BMGT 220; and BMGT 350.* This course is restricted to BMGT majors and students with major code 0803C, with 68 semester hours completed. All others must have authorization.
0101 **(05570)** Frank, J.
TuTh 9:30am-10:45am (TWS 2154)
0201 **(05571)** Wagner, J.
TuTh 2:00pm-3:15pm (KEY 0102)

BMGT354 Promotion Management; (3) REG. *Prerequisite: BMGT 350.* This course is restricted to BMGT majors and students with major codes 0803C, 0601A, 0601F, 0602A, 0602F, 1303B, 1303C, 1304A with 60 hours. All others must have authorization.
0101 **(05581)** STAFF
TuTh 9:30am-10:45am (TYD 2109)
0201 **(05582)** STAFF
TuTh 11:00am-12:15pm (TYD 2109)

BMGT357 ***(PermReq)*** **Retailing and Marketing Internship; (3-6)** REG. *Prerequisites: BMGT 350 and permission of department. For BMGT majors only.*
0101 **(05592)** Wagner, J.
Time and room to be arranged

BMGT360 Human Resource Management; (3) REG. This course is open to all students with 53 semester hours completed.
0101 **(05602)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 8:00am-8:50am (VMH 1314) Dis
0102 **(05603)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 9:00am-9:50am (VMH 1314) Dis
0103 **(05604)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 10:00am-10:50am (VMH 1314) Dis
0104 **(05605)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 11:00am-11:50am (VMH 1314) Dis
0105 **(05606)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 12:00pm-12:50pm (VMH 1314) Dis
0106 **(05607)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 1:00pm-1:50pm (VMH 1314) Dis

BMGT362 Labor Relations; (3) REG. This course is restricted to BMGT majors and students with major codes 0839A, 1307A, and 1307B with 60 semester hours completed. All others must have authorization.
0101 **(05617)** Levine, M.
TuTh 12:30pm-1:45pm (VMH 1307)

BMGT364 Management and Organization Theory; (3) REG. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 1303E, 0111C, 1102B, 1103B, 1105B, 1106B, 1107B, 1108B, 01130, and 1307 with 53 semester hours completed. All others must have authorization.
0101 **(05628)** Kovach, K.
MW 9:30am-10:45am (VMH 1212)
F 8:00am-8:50am (VMH 1303) Dis
0102 **(05629)** Kovach, K.
MW 9:30am-10:45am (VMH 1212)
F 9:00am-9:50am (VMH 1303) Dis
0103 **(05630)** Kovach, K.
MW 9:30am-10:45am (VMH 1212)
F 10:00am-10:50am (VMH 1303) Dis
0104 **(05631)** Kovach, K.
MW 9:30am-10:45am (VMH 1212)
F 11:00am-11:50am (VMH 1303) Dis
0105 **(05632)** Kovach, K.
MW 9:30am-10:45am (VMH 1212)
F 12:00pm-12:50pm (VMH 1303) Dis
0106 **(05633)** Kovach, K.
MW 9:30am-10:45am (VMH 1212)
F 1:00pm-1:50pm (VMH 1303) Dis
0201 **(05634)** Kovach, K.
MW 11:00am-12:15pm (VMH 1212)
F 11:00am-11:50am (VMH 1307) Dis
0202 **(05635)** Kovach, K.
MW 11:00am-12:15pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1307) Dis
0203 **(05636)** Kovach, K.
MW 11:00am-12:15pm (VMH 1212)
F 1:00pm-1:50pm (VMH 1307) Dis
0204 **(05637)** Kovach, K.
MW 11:00am-12:15pm (VMH 1212)
F 2:00pm-2:50pm (VMH 1303) Dis
0205 **(05638)** Kovach, K.
MW 11:00am-12:15pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1303) Dis
0206 **(05639)** Kovach, K.
MW 11:00am-12:15pm (VMH 1212)
F 4:00pm-4:50pm (VMH 1303) Dis

BMGT364H ***(PermReq)*** **Management and Organization Theory; (3)** REG. For general honors students.
0101 **(05649)** STAFF
MW 2:00pm-3:15pm (DNC 1139B)

BMGT367 Career Search Strategies in Business; (1) REG/P-F/AUD. *Junior standing. For BMGT majors only.* Restricted to BMGT majors with 56 credits.
0201 **(05651)** Sutton, V.
M 5:00pm-7:00pm (VMH 1203)
0301 **(05652)** Sutton, V.
Tu 4:00pm-6:00pm (VMH 1203)
0401 **(05653)** Sutton, V.
W 5:00pm-7:00pm (VMH 1314)

BMGT370 Introduction to Transportation Management; (3) REG. *Prerequisite: ECON 200; or ECON 205.* This course is open to all students with 53 semester hours completed.
0101 **(05659)** Mulvey, F.
TuTh 8:00am-9:15am (VMH 1203)
0201 **(05660)** Quasney, T.
MW 12:30pm-1:45pm (PLS 1119)
0301 **(05661)** Quasney, T.
MW 2:00pm-3:15pm (PLS 1119)

BMGT372 Introduction to Logistics Management; (3) REG. Open to BMGT majors and major codes 1102B, 1103B, 1105B, 1106B, 1107B, and 1108B with 53 semester hours completed. All others must have authorization.
0101 **(05671)** Dresner, M.
MW 11:00am-12:15pm (VMH 1303)
0201 **(05672)** King, M.
MW 12:30pm-1:45pm (EDU 3315)
0301 **(05673)** Knemeyer, A.
TuTh 8:00am-9:15am (TYD 1118)
0401 **(05674)** Knemeyer, A.
TuTh 9:30am-10:45am (TYD 1118)

BMGT380 Business Law I; (3) REG. This course is restricted to BMGT majors and students with major codes 0803C, 0803H, 0111C, 08380, 1102B, 1103B, 1105B, 1106B, 1107B, and 1108B with 53 semester hours completed. All others must have authorization.
0101 **(05684)** McClenahan, W.
MW 11:00am-12:15pm (SQH 1120)
0201 **(05685)** Ostas, D.
MW 9:30am-10:45am (TYD 2109)
0301 **(05686)** Ostas, D.
MW 11:00am-12:15pm (TYD 2109)
0401 **(05687)** Leete, B.
TuTh 3:30pm-4:45pm (TYD 2109)
0501 **(05688)** McClenahan, W.
MW 12:30pm-1:45pm (TYD 2109)
0601 **(05689)** McClenahan, W.
MW 8:00am-9:15am (VMH 1212)

BMGT381 Business Law II; (3) REG. *Prerequisite: BMGT 380 or permission of department.* This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization.
0101 **(05699)** Needham, J.
TuTh 2:00pm-3:15pm (VMH 1212)

BMGT385 Production Management; (3) REG. This course is restricted to BMGT majors and major code 0839A with 53 semester hours completed. All others must have authorization.
0101 **(05709)** STAFF
MW 11:00am-12:15pm (VMH 1314)
F 10:00am-10:50am (VMH 1203) Dis

BMGT392 Introduction to International Business Management; (3) REG. *Prerequisite: ECON 200; or ECON 205.* This course is restricted to business majors and major codes 11020, 11030, 11050, 11060, 1102B, 1103B, 1105B, 1106B, 1107B, and 1108B with 53 semester hours completed. All others must have an authorization.
0101 **(05719)** Turner, H.
TuTh 9:30am-10:45am (VMH 1203)
0201 **(05720)** Turner, H.
TuTh 12:30pm-1:45pm (ASY 2309)

BMGT398 ***(PermReq)*** **Individual Study in Business and Management; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

BMGT398T ***(PermReq)*** **Individual Study in Business and Management: General Business Internship; (3)** REG.
0101 **(05820)** Grimm, C.
Time and room to be arranged

BMGT402 Database Systems; (3) REG. *Prerequisite: BMGT 305 or equivalent.* This course is restricted to BMGT majors with 72 semester hours. All others must have authorization. This course offered in fall semester only.
0101 **(05872)** STAFF
MW 11:00am-12:15pm (TYD 2102)
0201 **(05873)** STAFF
TuTh 11:00am-12:15pm (VMH 1311)

BMGT403 Systems Analysis and Design; (3) REG. *Prerequisite: BMGT 305 or equivalent.* Restricted to BMGT majors with 72 semester hours completed. This course offered in fall semester only.
0101 **(05884)** STAFF
MW 9:30am-10:45am (ASY 2309)

BMGT404 Seminar in Decision Support Systems; (3) REG. *Prerequisite: BMGT 305 or equivalent.*
0101 **(05895)** Davis, F.
TuTh 12:30pm-1:45pm (VMH 1311)

BMGT407 Info Systems Projects; (3) REG/P-F/AUD. *Prerequisite: 12 hours of information systems. For decision and information sciences majors only. Senior standing.*
0101 **(05905)** Deamer, M.
TuTh 8:00am-9:15am (VMH 1202)
0201 **(05906)** Geter, R.
TuTh 3:30pm-4:45pm (TYD 1102)

BMGT411 Ethics and Professionalism in Accounting; (3) REG. *Prerequisite: BMGT 311. For accounting majors only. Senior standing.* This course is restricted to accounting majors with 86 semester hours completed. All others must have authorization.
0101 **(05915)** Webb, N.
TuTh 12:30pm-1:45pm (TYD 1118)
0201 **(05916)** Loeb, S.
MW 3:30pm-4:45pm (VMH 1311)

BMGT417 Advanced Tax Accounting; (3) REG. *Prerequisites: BMGT 311; and BMGT 323.* This course is restricted to accounting majors with 84 semester hours completed. All others must have authorization.
0101 **(05926)** Pantalone, V.
TuTh 11:00am-12:15pm (TYD 2102)
0201 **(05927)** Pantalone, V.
TuTh 12:30pm-1:45pm (TYD 2102)

BMGT422 Auditing Theory and Practice; (3) REG. *Prerequisite: BMGT 311.* This is a restricted course for accounting majors. All other majors must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(05937)** Pfeiffer, G.
TuTh 9:30am-10:45am (TYD 2102)
0201 **(05938)** Webb, N.
TuTh 2:00pm-3:15pm (TYD 2102)
0301 **(05939)** Webb, N.
TuTh 3:30pm-4:45pm (TYD 2102)

BMGT424 Advanced Accounting; (3) REG. *Prerequisite: BMGT 311.* This is a restricted course for accounting majors. All other majors must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(05949)** Rymer, V.
MW 2:00pm-3:15pm (TYD 2109)
0201 **(05950)** Rymer, V.
MW 3:30pm-4:45pm (TYD 2109)

BMGT430 Linear Statistical Models in Business; (3) REG. *Prerequisite: BMGT 230 or BMGT 231 or permission of department.* This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization.
0101 **(05960)** Lele, S.
MW 12:30pm-1:45pm (VMH 1203)
F 11:00am-11:50am (VMH 1202) Dis

BMGT434 Introduction to Optimization Theory; (3) REG. *Prerequisite: MATH 220; or permission of department.* This course is restricted to BMGT majors with 72 semester hours. All others must have authorization. This course offered in fall semester only.
0101 **(05970)** Gass, S.
MW 2:00pm-3:15pm (VMH 1303)
0201 **(05971)** Chen, C.
MW 9:30am-10:45am (VMH 1311)

BMGT435 Introduction to Applied Probability Models; (3) REG/P-F/AUD. *Prerequisite: BMGT 231 or permission of department.*
0101 **(05980)** Bodin, L.
TuTh 2:00pm-3:15pm (VMH 1203)

BMGT440 Financial Management; (3) REG. *Prerequisite: BMGT 340.* This course is restricted to BMGT majors with 84 semester hours. All others must have authorization.
0101 **(05990)** Schrenk, L.
TuTh 9:30am-10:45am (VMH 1206)
0201 **(05991)** STAFF
MW 12:30pm-1:45pm (VMH 1307)
0301 **(05992)** STAFF
MW 3:30pm-4:45pm (SQH 1120)
0401 **(05993)** Schrenk, L.
TuTh 11:00am-12:15pm (VMH 1206)

BMGT443 Security Analysis and Valuation; (3) REG. *Prerequisite: BMGT 343.* This course is restricted to BMGT majors with 84 semester hours. All others must have authorization.
0101 **(06003)** Haslem, J.
TuTh 2:00pm-3:15pm (VMH 1202)
0201 **(06004)** Haslem, J.
TuTh 3:30pm-4:45pm (VMH 1202)
0301 **(06005)** Berkowitz, S.
Tu 7:00pm-9:40pm (VMH 1314)
0401 **(06006)** Berkowitz, S.
M 7:00pm-9:40pm (TYD 1108)

BMGT444 Futures Contracts and Options; (3) REG. *Prerequisite: BMGT 343.* This course is restricted to finance majors with 84 semester hours completed. All others must have authorization.
0101 **(06016)** Madan, D.
MW 3:30pm-4:45pm (SQH 1105)

0201 **(06017)** Madan, D.
MW 11:00am-12:15pm (TYD 1108)

BMGT445 Commercial Bank Management; (3) REG. *Prerequisites: BMGT 340; and ECON 430.* This course is restricted to finance majors with 84 hours completed. All others must have authorization.
0101 **(06027)** Malmquist, D.
Tu 7:00pm-9:40pm (VMH 1311)
0201 **(06028)** Malmquist, D.
Th 7:00pm-9:40pm (VMH 1207)
0301 **(06029)** STAFF
W 7:00pm-9:40pm (VMH 1311)

BMGT446 International Finance; (3) REG. *Prerequisite: BMGT 340.* This course is restricted to finance majors and general business with 72 hours completed. All others must have authorization.
0101 **(06040)** STAFF
TuTh 2:00pm-3:15pm (TYD 2109)
0201 **(06041)** Draper, F.
MW 9:30am-10:45am (TYD 1118)
0301 **(06042)** Draper, F.
MW 11:00am-12:15pm (TYD 1118)
0401 **(06043)** STAFF
TuTh 5:00pm-6:15pm (TYD 2109)

BMGT451 Consumer Analysis; (3) REG. *Prerequisite: BMGT 350. Recommended: PSYC 100; and PSYC 221. Not open to students who have completed CNEC 437. Credit will be granted for only one of the following: BMGT 451 or CNEC 437.* This course is restricted to BMGT majors and students with major codes 0601A and 0601F with 68 hours completed. All others must have authorization.
0101 **(06053)** Durand, R.
TuTh 11:00am-12:15pm (VMH 1307)
0201 **(06054)** Perner, L.
MW 12:30pm-1:45pm (TYD 2102)
0301 **(06055)** Perner, L.
MW 9:30am-10:45am (TYD 2102)
0401 **(06056)** Boyd, D.
TuTh 2:00pm-3:15pm (TYD 1108)

BMGT452 Marketing Research Methods; (3) REG. *Prerequisites: BMGT 230; and BMGT 451. Formerly BMGT 450.* This course restricted to marketing majors with 72 semester hours completed. All others must have authorization.
0101 **(06077)** Kannan, P.
MW 12:30pm-1:45pm (VMH 1311)
0201 **(06078)** Kannan, P.
MW 2:00pm-3:15pm (VMH 1311)
0301 **(06079)** Chuchinprakarn, N.
TuTh 3:30pm-4:45pm (VMH 1311)
0401 **(06080)** Chuchinprakarn, N.
TuTh 5:00pm-6:15pm (VMH 1311)

BMGT454 International Marketing; (3) REG. *Prerequisites: BMGT 350 plus one other marketing course.* This course is restricted to BMGT majors with 72 semester hours completed.
0101 **(06092)** Ostapenko, N.
TuTh 3:30pm-4:45pm (ASY 1213)
0201 **(06093)** Greer, T.
TuTh 11:00am-12:15pm (ASY 1213)

BMGT455 Sales Management; (3) REG. *Prerequisite: BMGT 350.*
0101 **(06114)** Jolson, M.
TuTh 2:00pm-3:15pm (TYD 0117)

BMGT456 Advertising; (3) REG. *Prerequisite: BMGT 350.* This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 1303E, and 1304A with 60 semester hours completed. All others must have authorization.
0101 **(06124)** Tuerk, J.
MW 3:30pm-4:45pm (TYD 1102)
0201 **(06125)** Tuerk, J.
MW 12:30pm-1:45pm (TYD 1108)

BMGT457 Marketing Policies and Strategies; (3) REG. CORE: CS *Prerequisite: BMGT 451. Corequisite: BMGT 452.* This course is restricted to marketing majors with 100 semester hours completed. All others must have authorization.
0101 **(06135)** Dorsett, A.
MW 9:30am-10:45am (VMH 1203)
0201 **(06136)** Dorsett, A.
MW 8:00am-9:15am (VMH 1203)
0301 **(06137)** Boyd, D.
TuTh 3:30pm-4:45pm (TYD 1108)

BMGT460 Human Resource Management: Analysis and Problems; (3) REG. *Prerequisite: BMGT 360. Recommended: BMGT 230.* This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization. Offered fall only.
0101 **(06147)** STAFF
MW 3:30pm-4:45pm (ASY 1213)

BMGT461 Entrepreneurship; (3) REG. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization.
0101 **(06157)** Lamone, R.
Tu 3:30pm-6:10pm (VMH 1314)

BMGT462 Employment Law for Business; (3) REG. *Restricted to BMGT majors with 72 hours completed.* This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization. Offered fall only.
0101 **(06167)** Levine, M.
TuTh 9:30am-10:45am (VMH 1311)

BMGT472 Advanced Logistics Operations; (3) REG. *Prerequisite: BMGT 372.*
0101 **(06177)** Evers, P.
TuTh 3:30pm-4:45pm (TYD 1101)

BMGT473 Advanced Transportation Policies; (3) REG. *Prerequisite: BMGT 370.* This course is open to all students with 72 semester hours completed.
0101 **(06187)** Gardner, L.
TuTh 8:00am-9:15am (VMH 1307)
0201 **(06188)** Dayton, M.
TuTh 8:00am-9:15am (VMH 1207)

BMGT475 Advanced Logistics Strategy; (3) REG/P-F/AUD. *Prerequisites: BMGT 370; and BMGT 372.*
0101 **(06189)** Needham, P.
MW 5:00pm-6:15pm (VMH 1202)

BMGT476 Applied Computer Models in Logistics and Transportation Management; (3) REG. *Prerequisites: BMGT 301 and BMGT 370 and BMGT 372.* Open to transportation majors. All others must have authorization.
0101 **(06198)** Corsi, T.
MW 11:00am-12:15pm (VMH 2203)

BMGT477 International Logistics and Transportation Management; (3) REG. *Prerequisites: BMGT 370; and BMGT 372.* This course restricted to BMGT majors only. All others must have authorization.
0101 **(06209)** Carter, C.
MW 12:30pm-1:45pm (VMH 1202)
0201 **(06210)** Carter, C.
MW 2:00pm-3:15pm (VMH 1202)

BMGT482 Business and Government; (3) REG. *Prerequisite: ECON 200; or ECON 205.* This is a restricted course. Non-BMGT majors must have authorization.
0101 **(06220)** Lesser, L.
TuTh 3:30pm-4:45pm (SQH 1120)

BMGT490H The Total Quality Practicum; (3) REG. *Prerequisite: BMGT 390 or ENES 390. Also offered as ENES 490.* Fourth course in a sequence of four Total Quality Program Courses. For total Quality Program participants only.
0101 **(06241)** Lele, S.
TuTh 5:00pm-6:15pm (VMH 1202)

BMGT493 *(PermReq)* **Honors Study; (3)** REG. *Prerequisite: permission of department.*
0101 **(06251)** Liedtka, S.
M 3:30pm-6:10pm (VMH 3441)
0102 **(06252)** Liedtka, S.
W 3:30pm-6:10pm (TYD 1108)

BMGT495 Business Policies; (3) REG. CORE: CS *Prerequisites: BMGT 340; and BMGT 350; and BMGT 364.* Open only to graduating seniors in Business and Management. This is a restricted course for BMGT majors with 100 hours completed. All others must have authorization.
0101 **(06278)** STAFF
MW 8:00am-9:15am (VMH 1314)
0201 **(06279)** STAFF
MW 9:30am-10:45am (VMH 1314)
0301 **(06280)** STAFF
MW 12:30pm-1:45pm (VMH 1314)
0401 **(06281)** STAFF
MW 2:00pm-3:15pm (VMH 1314)
0501 **(06282)** STAFF
TuTh 9:30am-10:45am (VMH 1314)
0601 **(06283)** STAFF
TuTh 11:00am-12:15pm (VMH 1314)
0701 **(06284)** STAFF
TuTh 12:30pm-1:45pm (VMH 1314)
0801 **(06285)** STAFF
TuTh 2:00pm-3:15pm (VMH 1314)

BMGT496 Business Ethics and Society; (3) REG. *Prerequisite: one course in BMGT; or permission of department.*
0101 **(06295)** Lesser, L.
TuTh 12:30pm-1:45pm (SQH 1120)

BMGT498M Special Topics in Business and Management: Electronic Marketing; (3) REG/P-F/AUD.
0101 **(06306)** Boyd, D.
TuTh 12:30pm-1:45pm (VMH 1303)

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BMGT608A ELM: Special Topics: Accessing Business Information; (No credit) S-F. Majors only.
GS01 **(06348)** Abels, E.
Time and room to be arranged
0101 **(06349)** Abels, E.
Time and room to be arranged

BMGT608B ELM: Special Topics: Career Development; (No credit) S-F. Majors only. Part-time students who ONLY register for courses at College Park should register for section 0501. All other part-time MBA students should register for GS01.
GS01 **(06359)** Stevens, C.
Time and room to be arranged
0101 **(06360)** STAFF
Time and room to be arranged
0501 **(06361)** STAFF
Time and room to be arranged

BMGT608E ELM: Special Topics: ELM: Case Competition; (No credit) S-F. Majors only. Must be taken concurrently with BMGT 690. The student must register for a section of BMGT 690 if taking this course.
0101 **(06370)** STAFF
Time and room to be arranged

BMGT610 Financial Reporting and Cost Accounting; (3) REG/AUD. *For BMGT majors only.* Majors only until the first day of classes. Departmental approval required for non-majors
GS01 **(06380)** Peters, M.
W 7:00pm-9:40pm (Arranged)
GS02 **(06381)** Shaw, K.
Th 7:00pm-9:40pm (Arranged)
GS03 **(06382)** Park, T.
Th 7:00pm-9:40pm (Arranged)
0101 **(06383)** Shaw, K.
TuTh 12:30pm-1:45pm (VMH 1203)
0201 **(06384)** Peters, M.
MW 11:00am-12:15pm (VMH 1311)
0301 **(06385)** Shaw, K.
TuTh 11:00am-12:15pm (VMH 1203)
0401 **(06386)** Peters, M.
MW 2:00pm-3:15pm (VMH 1203)

BMGT611 Managerial Accounting; (1.5) REG/AUD. *Prerequisite: BMGT 610.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06396)** Leung, K.
Meets 08/31/98-10/22/98
M 7:00pm-9:40pm (Arranged)
GS02 **(06397)** Leung, K.
Meets 10/26/98-12/21/98
Tu 7:00pm-9:40pm (Arranged)
GS03 **(06398)** Iyengar, R.
Meets 10/26/98-12/21/98
W 7:00pm-9:40pm (Arranged)

BMGT615 Business Communications; (1.5) REG/AUD. *For BMGT majors only.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06408)** Parkey-Barao, T.
Meets 10/26/98-12/09/98
Th 9:30am-12:10pm (VMH 1303)
0201 **(06409)** Parkey-Barao, T.
Meets 10/26/98-12/09/98
Tu 9:30am-12:10pm (VMH 1303)
0301 **(06410)** Parkey-Barao, T.
Meets 10/26/98-12/09/98
Tu 2:00pm-4:40pm (VMH 1307)
0401 **(06411)** Parkey-Barao, T.
Meets 10/26/98-12/09/98
Th 2:00pm-4:40pm (VMH 1307)

BMGT620 Strategic Information Systems; (1.5) REG/AUD. *For BMGT majors only.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06421)** Geter, R.
Meets 08/31/98-10/16/98
Th 9:30am-12:10pm (VMH 1303)
0201 **(06422)** Geter, R.
Meets 08/31/98-10/16/98
Tu 9:30am-12:10pm (VMH 1303)
0301 **(06423)** Geter, R.
Meets 08/31/98-10/16/98
Tu 2:00pm-4:40pm (VMH 1307)
0401 **(06424)** Geter, R.
Meets 08/31/98-10/16/98
Th 2:00pm-4:40pm (VMH 1307)

BMGT630 Managerial Statistics I; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06434)** STAFF
MW 9:30am-10:45am (VMH 1303)
0201 **(06435)** Lele, S.
MW 9:30am-10:45am (VMH 1307)
0301 **(06436)** STAFF
MW 11:00am-12:15pm (VMH 1202)
0401 **(06437)** Lele, S.
MW 11:00am-12:15pm (VMH 1307)

BMGT632 Decision Modeling and Analysis; (1.5) REG/AUD. *Prerequisite: BMGT 630. For BMGT majors only. Not open to students who have completed BMGT 631.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06447)** Gass, S.
Meets 10/26/98-12/21/98
M 7:00pm-9:40pm (Arranged)
GS02 **(06448)** Gass, S.
Meets 08/31/98-10/22/98
Tu 7:00pm-9:40pm (Arranged)
GS03 **(06449)** STAFF
Meets 08/31/98-10/22/98
W 7:00pm-9:40pm (Arranged)

BMGT640 Financial Management; (3) REG/AUD. *Prerequisites: BMGT 610; and BMGT 630. For BMGT majors only or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06459)** Isberg, S.
Tu 7:00pm-9:40pm (Arranged)
GS02 **(06460)** Phillips, G.
W 7:00pm-9:40pm (Arranged)
GS03 **(06461)** Phillips, G.
Th 7:00pm-9:40pm (Arranged)

BMGT662 Organizational Behavior and Human Resources; (1.5) REG/AUD. *For BMGT majors only. Not open to students who have completed BMGT 660.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06481)** Sims, H.
Meets 10/26/98-12/21/98
M 7:00pm-9:40pm (Arranged)
GS02 **(06482)** STAFF
Meets 10/26/98-12/21/98
M 7:00pm-9:40pm (Arranged)
GS03 **(06483)** Sims, H.
Meets 10/26/98-12/21/98
Tu 7:00pm-9:40pm (Arranged)
0101 **(06484)** Gannon, M.
Meets 10/26/98-12/21/98
Tu 2:30pm-5:10pm (VMH 1207)
0201 **(06485)** Locke, E.
Meets 10/26/98-12/21/98
Th 9:30am-12:10pm (VMH 1202)
0301 **(06486)** Locke, E.
Meets 10/26/98-12/21/98
Th 2:30pm-5:10pm (VMH 1207)
0401 **(06487)** Gannon, M.
Meets 10/26/98-12/21/98
Tu 9:30am-12:10pm (VMH 1202)

BMGT663 Introduction to the Management of Human Resources; (1.5) REG/AUD. *Prerequisite: BMGT 662. For BMGT majors only. Not open to students who have completed BMGT 661.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06497)** STAFF
Meets 08/31/98-10/23/98
M 7:00pm-9:40pm (Arranged)
GS02 **(06498)** Moye, N.
Meets 08/31/98-10/23/98
M 7:00pm-9:40pm (Arranged)
GS03 **(06499)** Moye, N.
Meets 08/31/98-10/23/98
Tu 7:00pm-9:40pm (Arranged)
0101 **(06500)** Kovach, K.
Meets 08/31/98-10/23/98
Tu 2:30pm-5:10pm (VMH 1207)
0201 **(06501)** STAFF
Meets 08/31/98-10/23/98
Th 9:30am-12:10pm (VMH 1202)
0301 **(06502)** Kovach, K.
Meets 08/31/98-10/23/98
Th 2:30pm-5:10pm (VMH 1207)
0401 **(06503)** STAFF
Meets 08/31/98-10/26/98
Tu 9:30am-12:10pm (VMH 1202)

BMGT681 Managerial Economics and Public Policy; (3) REG/AUD. *For BMGT majors only. Not open to students who have completed BMGT 671 and BMGT 680.* Majors only until the first day of classes. Departmental aproval required for non majors.
GS01 **(06517)** STAFF
Time and room to be arranged
0101 **(06513)** Windle, R.
MW 11:00am-12:15pm (VMH 1207)
0201 **(06514)** Shaffer, B.
MW 2:00pm-3:15pm (VMH 1307)
0301 **(06515)** Windle, R.
MW 9:30am-10:45am (VMH 1207)
0401 **(06516)** Shaffer, B.
MW 3:30pm-4:45pm (VMH 1307)

BMGT690 Strategic Management; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors. Sections 0101-0105 or all Fall sections must be taken concurrently with BMGT 608E. The student must register for BMGT 608E 0101 if taking this course.
0101 **(06526)** STAFF
MW 3:30pm-4:45pm (VMH 1203)
0201 **(06527)** STAFF
MW 11:00am-12:15pm (VMH 1203)
0301 **(06528)** Gupta, A.
Tu 9:30am-12:10pm (VMH 1207)
0401 **(06529)** STAFF
Th 9:30am-12:10pm (VMH 1207)
0501 **(06530)** Gupta, A.
M 7:00pm-9:40pm (VMH 1303)

BMGT698 MBA Field Project: Group Field Projects; (3) REG/AUD. Majors only or permission of department.
0101 **(06540)** Wellman, M.
MTuWTh 8:00am-9:15am (Arranged)

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BMGT702 Applied Security Analysis and Portfolio Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06590)** Kressler, D.
M 7:00pm-9:40pm (Arranged)
0101 **(06588)** Vandeweghe, M.
TuTh 2:00pm-3:15pm (VMH 1303)
0201 **(06589)** Vandeweghe, M.
TuTh 3:30pm-4:45pm (VMH 1303)

BMGT710 Advanced Accounting Theory; (3) REG/AUD. *Prerequisite: BMGT 610.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06599)** Hardy, K.
M 7:00pm-9:40pm (VMH 1207)

BMGT711 Advanced Managerial Accounting; (3) REG/AUD. *Prerequisites: permission of department; and completion of all first year MBA courses before registering for this course.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06609)** Gordon, L.
Tu 7:00pm-9:40pm (VMH 1303)

BMGT713 The Impact of Taxation on Business Decisions; (3) REG/AUD. *Prerequisite: BMGT 611.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06619)** Pantalone, V.
W 7:00pm-9:40pm (VMH 1314)

BMGT720 Information Technology and Corporate Transformation; (3) REG/AUD. *Prerequisite: BMGT 620.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06629)** Carswell, A.
M 7:00pm-9:40pm (VMH 1314)

BMGT721 File Processing and Database Systems; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06639)** Raschid, L.
Tu 7:00pm-9:40pm (VMH 2203)

BMGT725 Information Systems Analysis and Design; (3) REG/AUD. *Prerequisite: BMGT 620; or BMGT 721.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06650)** STAFF
Th 7:00pm-9:40pm (Arranged)
0101 **(06649)** STAFF
MW 2:00pm-3:15pm (VMH 1207)

BMGT726 Distributed Data Processing; (3) REG/AUD. *Prerequisite: BMGT 620; or BMGT 721.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06659)** Faraj, S.
MW 3:30pm-4:45pm (VMH 2203)

BMGT734 Models for Operations Management; (3) REG/AUD. *Prerequisites: BMGT 630 and BMGT 631.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06669)** STAFF
W 7:00pm-9:40pm (VMH 1207)

BMGT735 Application of Management Science; (3) REG/AUD. *Prerequisite: BMGT 631.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06679)** Bodin, L.
Tu 4:00pm-6:40pm (TYD 0111)

BMGT740 New Venture Financing; (3) REG/AUD. *Prerequisite: BMGT 640 or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06689)** Wolfe, J.
Tu 7:00pm-9:40pm (VMH 1207)
0401 **(06690)** STAFF
Th 7:00pm-9:40pm (VMH 1202)

BMGT741 Advanced Financial Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06700)** STAFF
M 7:00pm-9:40pm (Arranged)
0101 **(06701)** Phillips, G.
MW 9:30am-10:45am (VMH 1202)

BMGT742 Financial Valuation and Strategy; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06711)** STAFF
W 7:00pm-9:40pm (Arranged)
0101 **(06712)** Whited, T.
MW 2:00pm-3:15pm (VMH 1206)
0201 **(06713)** Whited, T.
MW 12:30pm-1:45pm (VMH 1206)

BMGT743 Investment Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06723)** Polakoff, M.
M 7:00pm-9:40pm (VMH 1307)

BMGT744 Futures Contracts and Options Management; (3) REG/AUD. *Prerequisites: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06733)** Locke, P.
Th 7:00pm-9:40pm (Arranged)

BMGT745 Financial Institutions Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06743)** Unal, H.
MW 3:30pm-4:45pm (VMH 1202)
0401 **(06744)** Unal, H.
W 6:30pm-9:10pm (VMH 1203)

BMGT746 International Financial Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06754)** Bakshi, G.
Th 7:00pm-9:40pm (VMH 1203)

BMGT753 International Marketing; (3) REG/AUD. *Prerequisite: BMGT 650.* Majors only until first day of classes. Departmental approval required for non majors.
0101 **(06764)** Greer, T.
TuTh 2:00pm-3:15pm (VMH 1206)

BMGT757 Marketing Strategy; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06784)** Bichal, G.
TuTh 12:30pm-1:45pm (VMH 1207)

BMGT760 Compensation and Performance Appraisal; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06794)** Bartol, K.
M 7:00pm-9:40pm (VMH 1311)

BMGT764 Executive Power and Negotiation; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06804)** Schnell, E.
Meets 08/31/98-11/20/98
W 6:30pm-10:00pm (VMH 1407)

BMGT767 Implementing Strategy: Organizing to Compete; (3) REG/AUD. *Prerequisite: completion of the MBA core requirements or permission of department. Recommended: BMGT 690.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06814)** Reger, R.
Tu 7:00pm-9:40pm (Arranged)
0101 **(06815)** Reger, R.
TuTh 2:00pm-3:15pm (VMH 1311)

BMGT772 Logistics Management; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06825)** Evers, P.
Tu 7:00pm-9:40pm (VMH 1203)

BMGT780 New Venture Creation; (3) REG/AUD. *Prerequisite: completion of MBA core requirements or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06835)** Sherman, A.
M 7:00pm-9:40pm (Arranged)

BMGT782 Corporate Venturing and Intrapreneurship; (3) REG/AUD. *Prerequisite: completion of MBA core or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06845)** Mierzwa, T.
W 7:00pm-9:40pm (VMH 1303)

BMGT794 The Environment of International Business; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06855)** Morici, P.
Tu 7:00pm-9:40pm (VMH 1202)

BMGT798A Special Topics in Business and Management: Fixed Income Securities; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06865)** Rossi, C.
Tu 7:00pm-9:40pm (Arranged)

BMGT798B Special Topics in Business and Management: Product Management; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06875)** Sheinin, D.
W 7:00pm-9:40pm (Arranged)
0101 **(06876)** Sheinin, D.
MW 3:30pm-4:45pm (VMH 1314)

BMGT798C Special Topics in Business and Management: Venture Capital for Investors and Entrepreneurs; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06877)** Heller, C.
M 3:30pm-6:10pm (VMH 4333)

BMGT798D Special Topics in Business and Management: Management of Telecommunications Networks; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06878)** STAFF
M 7:00pm-9:40pm (VMH 1202)

BMGT798E Special Topics in Business and Management: Supply Chain Management: Computer Models and Applications; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06879)** Corsi, T.
MW 2:00pm-3:15pm (VMH 2203)

BMGT798G Special Topics in Business and Management: Business Ethics; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors. Course meets 9/26, 10/10, 10/31, and 11/14.
GS01 **(06886)** Loeb, S.
Meets 09/26/98-11/14/98
Sa 9:30am-6:00pm (Arranged)

BMGT798J Special Topics in Business and Management: Business Problem Solving Using Computers; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06896)** Davis, F.
TuTh 2:00pm-3:15pm (VMH 2203)

(Course listings continued on yellow page 66)

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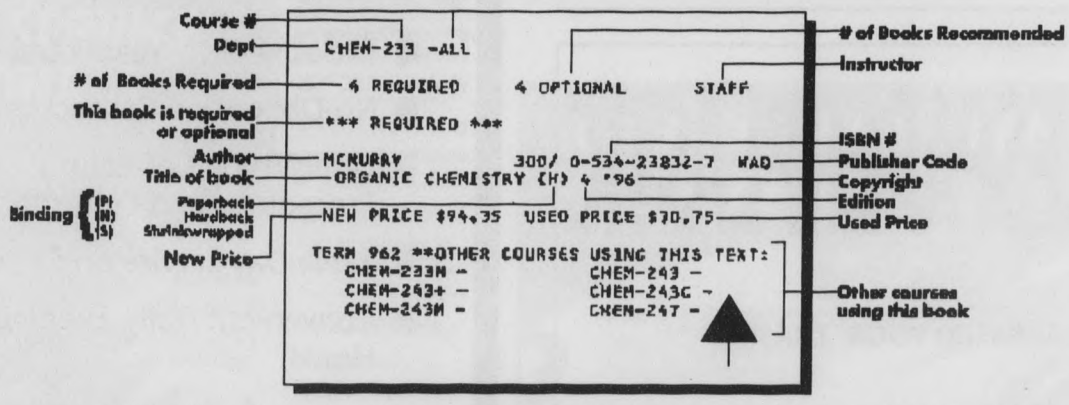

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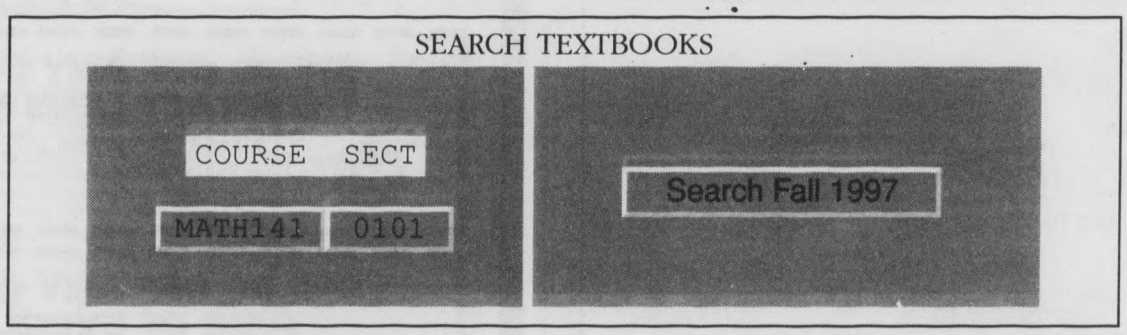

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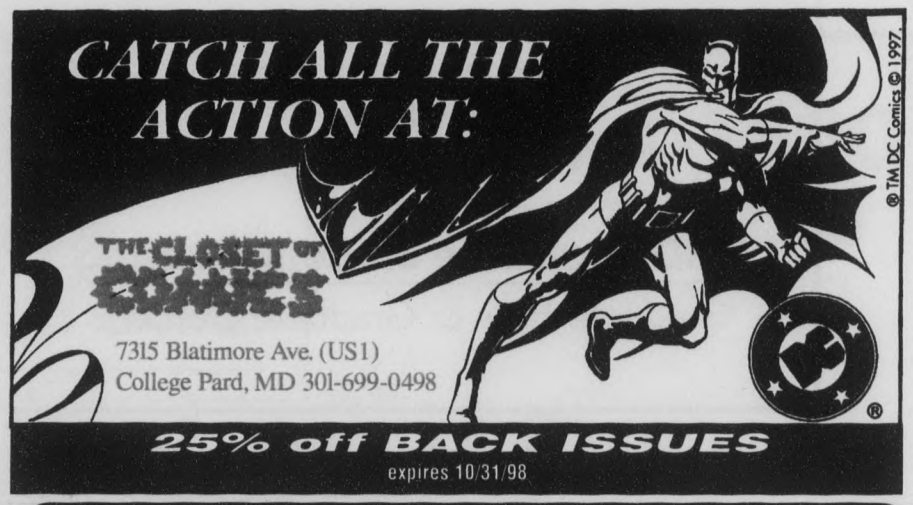

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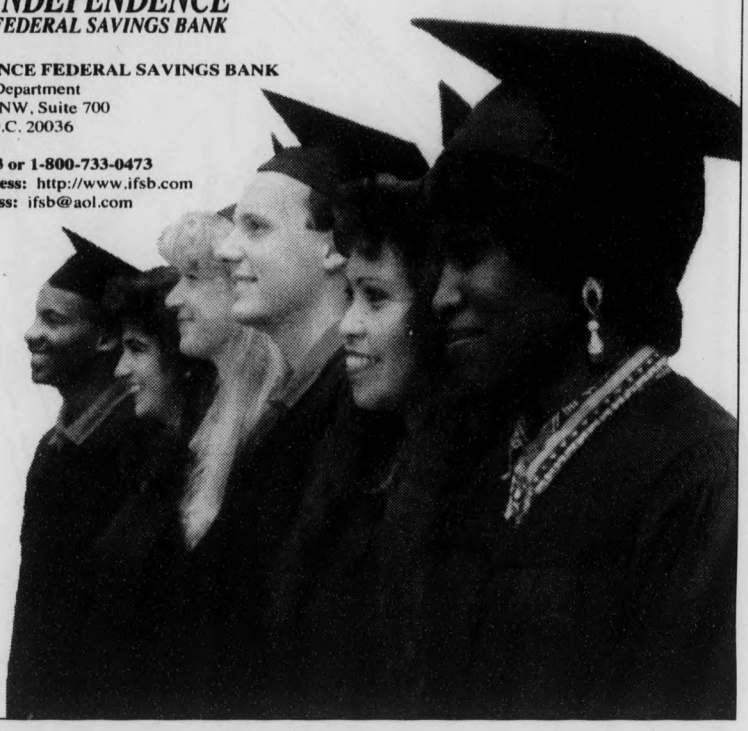

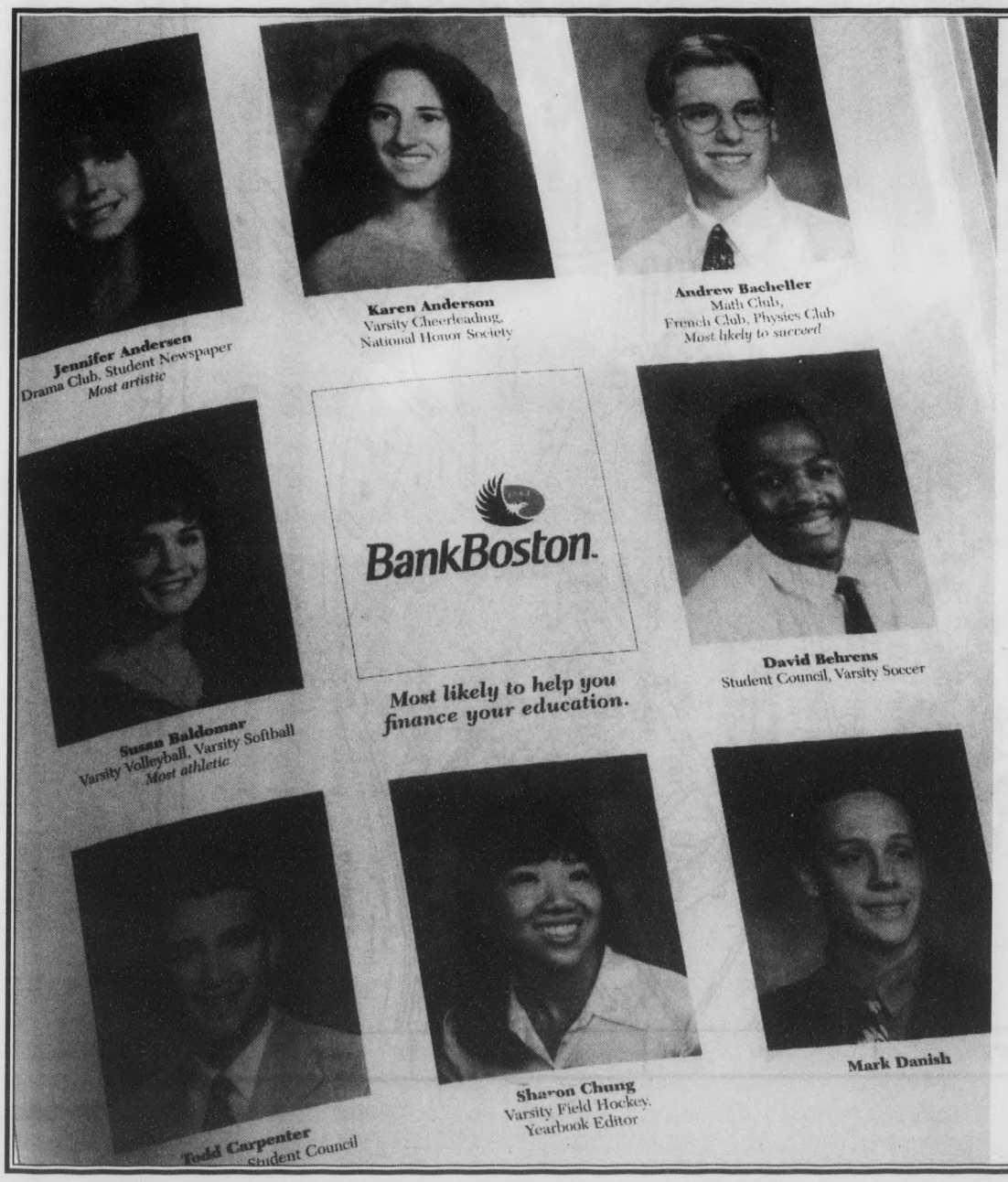

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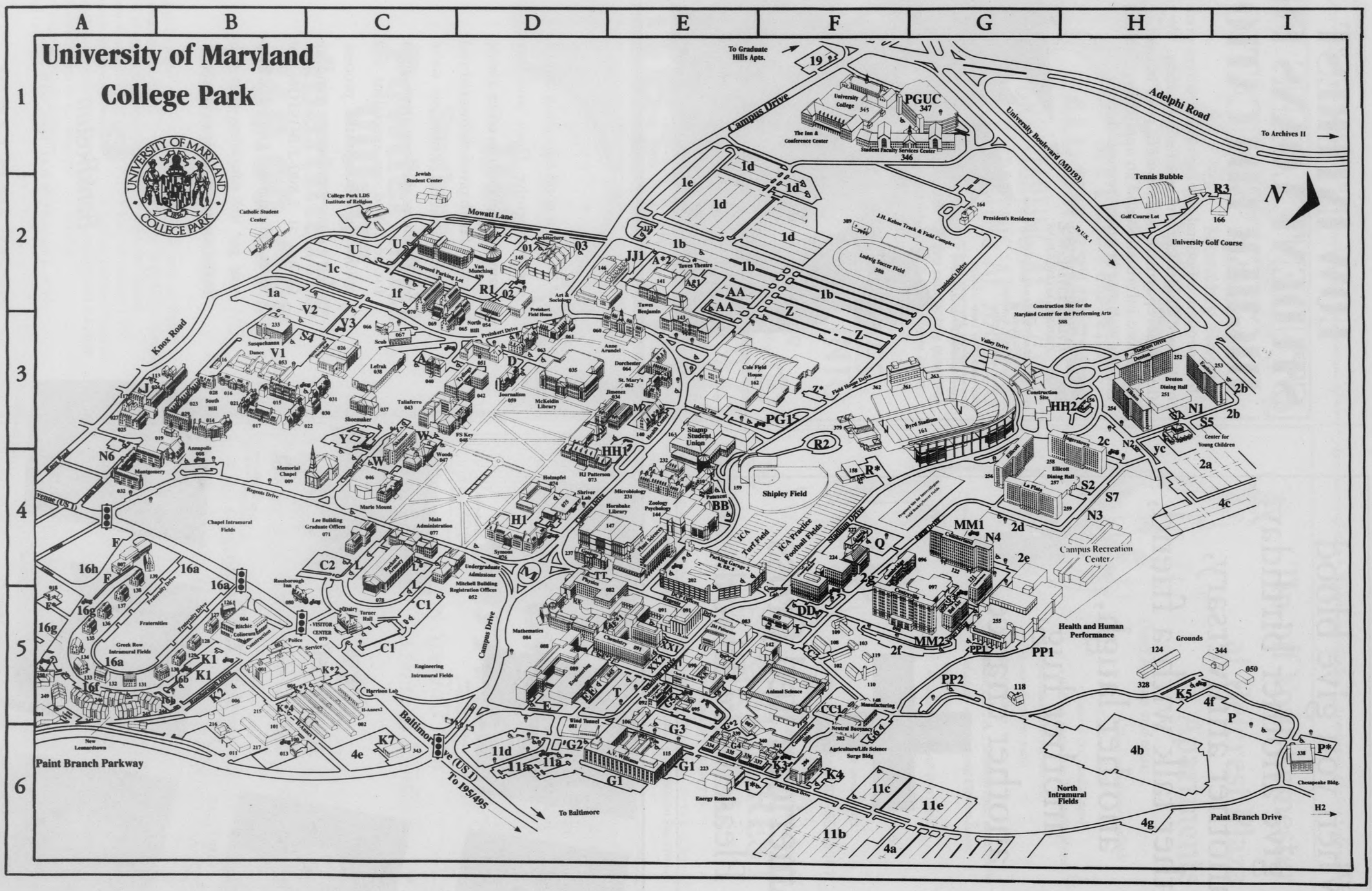
University of Maryland
College Park
A
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To Graduate Hills Apts.
Campus Drive
Adelphi Road
University Boulevard (MD193)
To Archives II
To U.S. 1
PGUC
347
University College
345
The Inn & Conference Center
Student Faculty Services Center
346
Tennis Bubble
R3
166
Golf Course Lot
University Golf Course
N
President's Residence
J.H. Kehoe Track & Field Complex
Ludwig Soccer Field
388
President's Drive
Construction Site for the Maryland Center for the Performing Arts
388
Valley Drive
Jewish Student Center
College Park LDS Institute of Religion
Catholic Student Center
Mowatt Lane
Knox Road
Preinkert Field House
Preinkert Drive
Art Sociology
Tawes Theatre
Tawes Benjamin
Anne Arundel
Dorchester
St. Mary's
Jimenez
Cole Field House
162
Field House Drive
Byrd Stadium
161
Construction Site
Denton
Denton Dining Hall
251
Center for Young Children
Ellicott
Ellicott Dining Hall
257
La Plata
Hagerstown
Caroline
Somerset
Talbot
Worcester
Wicomico
Baltimore
Harford
Kent
Cecil
Frederick
Garrett
Allegany
Montgomery
Prince George's
Calvert
Charles
St. Mary's
Anne Arundel
Howard
Carroll
Baltimore
Harford
Cecil
Kent
Queen Anne's
Talbot
Caroline
Dorchester
Wicomico
Somerset
Worcester
Susquehanna
Dance
South Hill
Annapolis
Lefrak
Scub
Shoemaker
Taliaferro
Journalism
McKeldin Library
FS Key
Woods
Memorial Chapel
Marie Mount
Stamp Student Union
HJ Patterson
Holzapfel
Shriver Lab
Microbiology
Horsbake Library
Zoology Psychology
Plant Science
Shipley Field
ICA Turf Field
ICA Practice Football Fields
Parking Garage 1
Parking Garage 2
Parking Garage 3
Regents Drive
Chapel Intramural Fields
Lee Building Graduate Offices
071
Main Administration
077
Symons
Undergraduate Admissions
Mitchell Building Registration Offices
052
Rossborough Inn
Turner Dairy
Turner Hall
VISITOR CENTER
079
Police & Service
Ritchie Coliseum
Fraternities
Greek Row Intramural Fields
Engineering Intramural Fields
Harrison Lab
Mathematics
Physics
Chemistry
Engineering
Animal Science
Wind Tunnel
A.V. Williams
Energy Research
Neutral Buoyancy
Agriculture/Life Science Surge Bldg
Manufacturing
Campus Recreation Center
Health and Human Performance
Grounds
North Intramural Fields
Chesapeake Bldg.
Paint Branch Drive
Paint Branch Parkway
New Leonardtown
Baltimore Ave (US 1)
To I95/I495
To Baltimore
Proposed Parking Lot
Proposed Site for Metro-Glenn Field Recreation Facility
Proposed Site for Metro-Glenn Field Recreation Facility
Proposed Site for Metro-Glenn Field Recreation Facility

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

AGY	Allegany Hall	A-3
ANS	Animal Sciences-Agri.Engr. Bldg	F-5
ANA	Anne Arundel Hall	E-3
ARC	Architecture Building	D-2
ARM	Reckord Armory	C-4
ASY	Art-Sociology Building	D-2
AVW	A.V. Williams Building	E-6
BAL	Baltimore Hall	B-3
BEL	Bel-Air Hall	G-5
BRD	Byrd Stadium	G-3
CAL	Calvert Hall	B-3
CAM	Cambridge Hall	F-4
CAR	Caroline Hall	C-2
CRL	Carroll Hall	C-2
CEC	Cecil Hall	B-3
CEN	Centreville Hall	F-5
CHL	Charles Hall	A-3
CHE	Chemical and Nuclear Engr	E-5
CHM	Chemistry Building	E-5
CHS	Chestertown Hall	G-4
CLB	Classroom Building	E-6
COL	Cole Student Activities Building	E-3
CRC	Campus Recreation Center	H-4
CSS	Computer and Space Sciences	F-4
CBD	Cumberland Hall	G-4
DNC	Dance Building	B-3
DEN	Denton Hall	H-3
DOR	Dorchester Hall	E-3
EAS	Easton Hall	H-3
EDA	Education Annex	C-3
EDU	Benjamin (Education) Building	E-3
ELK	Elkton Hall	H-3
ELL	Ellicott Hall	G-4
EGR	Engineering Classroom Bldg	D-5
EGL	Engineering Lab Building	D-5
ERB	Engineering Research Bldg	E-6
FRD	Frederick Hall	B-3
GEO	Geology Building	D-4
GRT	Garrett Hall	C-3
HAG	Hagerstown Hall	H-3
HAR	Harrison Lab	C-5
HBK	Hornbake Library	E-4
HJP	H.J. Patterson Bldg	D-3
HHP	Health & Human Performance	G-5
HOW	Howard Hall	B-3
HRF	Harford Hall	B-3
HZF	Holzapfel Hall	D-4
IPT	Inst. For Phys. Science & Tech	F-5
ITV	Instructional Television Facility	E-5
JMP	J.M. Patterson Hall	E-5
JMZ	Jimenez Hall	D-3
JRN	Journalism Building	D-3
JUL	Jull Hall	F-4
KEY	Francis Scott Key Hall	D-3
KNT	Kent Hall	B-3
LEF	LeFrak Hall	C-3
LPA	La Plata Hall	G-4
MCB	Microbiology Building	E-4
MCK	McKeldin Library	D-3
MMH	Marie Mount Hall	C-4
MNT	Montgomery Hall	A-4
MOR	Morrill Hall	C-3
MTH	Mathematics Building	D-5
NCC	Nymbruru Cultural Center	E-4
PGG	Prince George's Hall	B-3
PHY	Physics Building	D-4
PKT	Preinkert Field House	D-2
PLS	Plant Sciences Building	E-4
QAN	Queen Anne's Hall	D-3
RIT	Ritchie Coliseum	B-5
SQH	Susquehanna Hall	B-3
SHM	Shoemaker Hall	C-3
SHR	Shriver Lab	D-4
SKN	Skinner Building	C-3
SOM	Somerset Hall	D-3
SDH	South Campus Dining Hall	C-3
STM	St. Mary's Hall	E-3
SSU	Stamp Student Union	E-3
SYM	Symons Hall	D-4
TAL	Talbot Hall	C-3
TBA	To Be Arranged	
TLF	Taliaferro Hall	C-3
TYD	Tydings Hall	D-3
TUR	Turner Lab (Dairy)	C-5
TWS	Tawes Fine Arts Building	E-2
VMH	Van Munching Hall	C-2
WSH	Washington Hall	B-3
WIC	Wicomico Hall	C-3
WDS	Woods Hall	C-4
WTU	Wind Tunnel	D-5
WOR	Worcester Hall	D-3
ZOP	Zoology/Psychology Building	E-4

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If You're Not HERE, You're Probably Still Standing in Line

- Drop/Add
- Waitlist Check-In
- Student Schedule
- Grade Inquiry
- Unofficial Transcript
- Transcript Request
- Apply for Graduation
- Appointment and Registration Status
- Pin Change
- Address and E-mail Change
- Re-enrollment Status
- Graduate School Application Status
- Student Account Inquiry
- Financial Aid Check Availability
- Financial Aid Inquiry
- Display Parking Tickets

The Ultimate Course Scheduler

Online Schedule of Classes

With CURRENT Seat Counts!

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- Admissions
- Transfer Credit Center
- Campus Parking
- Commuter Affairs
- Library Services
- Housing
- Dining Services
- Career Center
- and MORE!!!

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another anniversary,
another talk with a friend,
another laugh,
another hug,
another chance.

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Uniting International students and Local Families

The "Welcome Home to Maryland" program is designed to provide international students at the University of Maryland, College Park, with an opportunity to meet and interact with an American family. This "contact family" will get together with their student 6 times over the course of the school year and give them a taste of American life!

For more INFORMATION and / or to apply, call:
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January 4-22

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...but you didn't take all the pre-med courses?
No problem. The University of Maryland's
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Science in the Evening

Laboratory courses in the sciences, including:

Biology 105	Principles of Biology I
Biology 106	Principles of Biology II
Chemistry 103	General Chemistry I
Chemistry 113	General Chemistry II
Chemistry 233	Organic Chemistry I
Microbiology 200	General Microbiology
Microbiology 440	Pathogenic Microbiology
Microbiology 451	Principles of Immunology (non-lab)
Zoology 201	Human Anatomy & Physiology I
Zoology 211	Cell Biology & Physiology

For more information, or to register for these classes, please contact
Science Outreach and Special Programs (301) 405-7941
evening@life.umd.edu
http//www.life.umd.edu/evening/index.html

Please note: these courses are only open to post-baccalaureate students or students enrolled as Continuing Education students. These self-support classes are charged at the regular part-time rate (on a per-credit basis), even for full-time students.

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Hours subject to change during summer sessions, semester and holiday breaks.

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"This class was worth the money."

"It motivates you to study. The practice tests give you a feel of what the actual MCAT will be like."

Don't just sit around dreaming about medical school: take the College of Life Science's MCAT Preparation Course and get ready!

"This course has provided me with an outline of what to know for the exams."

"I liked being able to ask any question to the faculty who could appropriately and thoroughly answer it: you don't get that with other commercial review courses."

Fee: $750.00, all materials included. Two courses are offered, daytime during the Winter Intersession or evenings during the Spring semester.

For more information please call the
Office of Science Outreach and Special Programs at (301) 405-7941
evening@life.umd.edu, http://www.life.umd.edu/evening
This MCAT Preparation Course will be administered through the University of Maryland Foundation, Inc.

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Rm 0232 Stamp Student Union

Call 314-ARTS for Fall Course Information

Non-credit instruction offered in:

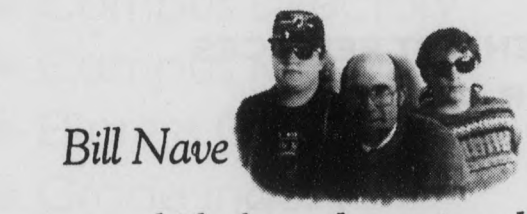
Ballroom Dance
Pottery ~ Photography
Painting ~ Drawing
Sewing ~ Creative Writing
and more!

Also look for new courses in:

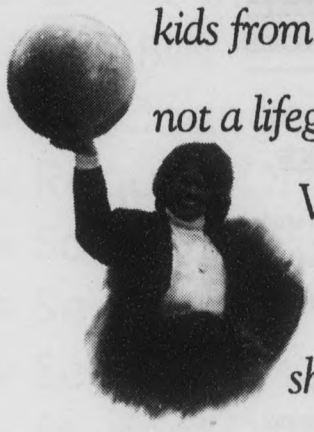
Bead Making ~ Belly Dancing
Billiards ~ Watercolor
Career Development
Silk Screen ~ Bike Repair

Classes begin on or after Sept. 14.

http://www.inform.umd.edu/Student/Campus_Activities/Arts/Art_Center
email:artlearn@umdstu.umd.edu



Bill Nave saved these kids from drowning, but he's not a lifeguard.



Verleeta Wooten found several new stars, but she's not an astronomer.

And Ivan Neal put out a lot of fires, but he's not a firefighter.

These are teachers. But to the kids they reach, they're heroes.

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Photos: Robin Sachs

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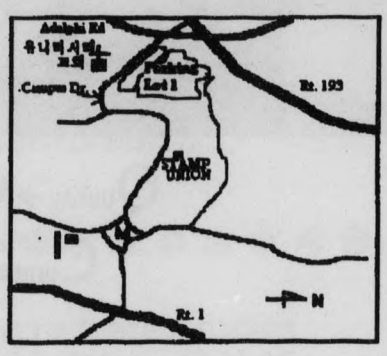
"내가 곧 길이요 진리요 생명이니
나로 말미암지 않고는
아버지께로 올자가 없느니라"



*주일 낮 예배 : 2 PM
*수요예배 : 8 PM
*새벽기도회 : 매일 5:30AM
(주일 6AM)
*대학부모임: 매주 금요일, 6:30PM
*청년부모임: 매주 금요일, 7:30PM

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Molecular Biology courses
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MOCB 708B (2 credits) October 6-22, 1998
Basic concepts in molecular biology.

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Testudo, the web site developed for University of Maryland students, offers the following services. (Use the link for Records and Registration).

- schedule adjustment
  - drop and add classes
  - change course sections/grading methods
  - modify credit levels
  - add and drop waitlisted sections
  - view registration appointments/blocks
- check-in to waitlisted courses
- create, view, and print course schedules
- change PIN and address
- request transcripts
- look up transfer courses
- apply for graduation
- access the Schedule of Classes

MARS (301)403-0500

MARS, the Maryland Automated Registration System, features a wide variety of services including

- registration
- financial information
- student accounts
- campus parking applications

Hours of operation

Monday - Saturday 7:30 a.m. to 11:00 p.m.
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MARS kiosks allow students to

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- check-in to waitlisted courses
- print schedules
- request transcripts
- apply for graduation
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Kiosks are open daily from 7:30 a.m. to 11:30 p.m. Locations include

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- Grade Inquiry
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- Pin Change
- Request Official Transcripts
- Schedule Printouts
- Section Status
- Send Faxes
- Student Directory
- Update Address & Phone Number
- View and/or Print Bill
- View and/or Print Unofficial Transcripts

Open 7:30 AM 'til 11:00 PM

For help, comments or suggestions call 314-1600 or send e-mail to mars@deans.umd.edu

BMGT798M Special Topics in Business and Management: Marketing Analysis for Consulting; (3) REG/AUD. Majors only until first day of classes. Departmental approval required for non majors.
GS01 **(06907)** STAFF
Tu 7:00pm-9:40pm (Arranged)

BMGT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only until the first day of classes. Restricted to graduate business majors.

BMGT808C Doctoral Seminar: Empirical Finance; (3) REG/AUD.
0101 **(07000)** Bakshi, G.
Tu 2:00pm-4:40pm (VMH 4333)

BMGT808E Doctoral Seminar: Industrial Organization; (3) REG/AUD.
0101 **(07009)** Grimm, C.
Tu 2:00pm-4:40pm (VMH 3441)

BMGT808F Doctoral Seminar: Seminar in Strategy; (3) REG/AUD.
0101 **(07019)** Smith, K.
Tu 4:00pm-6:40pm (VMH 3327)

BMGT808I Doctoral Seminar: Information Systems; (3) REG/AUD.
0101 **(07029)** STAFF
W 1:00pm-4:00pm (VMH 4333)

BMGT815 Analytic Modeling in Accounting; (3) REG/AUD. *Prerequisites: BMGT 630 and ECON 603; or equivalent.*
0101 **(07039)** Loeb, M.
Th 2:00pm-4:40pm (VMH 4439)

BMGT828 Independent Study in Business and Management; (1-9) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. MBA students may register only with written permission of Masters Program Director.

BMGT830 Operations Research: Linear Programming; (3) REG/AUD. *Prerequisites: MATH 246 or equivalent; or permission of department.*
0101 **(07130)** Gass, S.
W 4:00pm-6:40pm (VMH 1303)

BMGT834 Operations Research: Probabilistic Models; (3) REG/AUD. *Prerequisites: [MATH 241; and STAT 400 or equivalent] or permission of department.*
0101 **(07140)** Fu, M.
M 4:00pm-6:40pm (VMH 1303)

BMGT840 *(PermReq)* **Seminar in Financial Theory; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(07150)** STAFF
M 2:00pm-4:40pm (VMH 4439)

BMGT861 Seminar in Performance Appraisal and Training; (3) REG/AUD. *Prerequisite: BMGT 660 or permission of department.*
0101 **(07160)** Taylor, M.
M 1:00pm-3:40pm (VMH 3327)

BMGT863 Work Morale and Motivation; (3) REG/AUD. *Prerequisite: BMGT 660 or equivalent.*
0101 **(07161)** Locke, E.
Tu 1:00pm-3:40pm (VMH 3327)

BMGT880 Business Research Methodology; (3) REG/AUD.
0101 **(07170)** Olian, J.
W 10:00am-12:40pm (VMH 3327)

BMGT899 Doctoral Dissertation Research: Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

BSOS Behavioral and Social Sciences (Behavioral and Social Sciences)

BSOS346 *(PermReq)* **Internship in Political Institutions: State and Local Government; (3-6)** S-F. *Prerequisite: permission of department.*
0101 **(07359)** Remy, L.
M 4:30pm-6:30pm (TLF 2101)
Time and room to be arranged Dis

BSOS356 *(PermReq)* **Internship in Political Institutions: Federal and International; (3-6)** S-F. *Prerequisite: permission of department.*
0101 **(07369)** Remy, L.
M 4:30pm-6:30pm (TLF 2101)
Time and room to be arranged Dis

BSOS359C Contemporary Issues in Political Leadership and Participation: The Role of Advocacy in the American Political Process; (3) REG.
0101 **(07379)** Evans, G.
M 3:00pm-4:30pm (TYD 0101)
Time and room to be arranged Dis

BSOS359F Contemporary Issues in Political Leadership and Participation: African-American Political Participation in American Politics; (3) REG.
0101 **(07389)** Brazile, D.
W 7:00pm-9:40pm (TLF 1101)

BSOS359G Contemporary Issues in Political Leadership and Participation: Women in Politics - Do They Make a Difference?; (3) REG.
0101 **(07399)** Whitmire, K.
Tu 6:00pm-8:40pm (TLF 1101)

BSOS359M Contemporary Issues in Political Leadership and Participation: Action, Change and Leadership in Groups; (3) REG.
0101 **(07409)** Green, Z.
Tu 2:00pm-4:40pm (TLF 1101)

BSOS366 *(PermReq)* **Internship in Community Service Organizations; (3-6)** REG. *Prerequisite: permission of department.*
0101 **(07419)** McGovern, E.
M 10:00am-12:00pm (TLF 1101)
Time and room to be arranged Dis

BSOS386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

BSOS388 Behavioral and Social Sciences Special Topics; (1-3) REG/P-F.
0301 **(07432)** Beardsley, K.
Time and room to be arranged

BSOS388S *(PermReq)* **Behavioral and Social Sciences Special Topics: Project Skills Development; (3)** REG/P-F/AUD.
0101 **(07433)** Beardsley, K.
Time and room to be arranged

BSOS396 *(PermReq)* **Fellowship Program in Political Leadership; (3-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department and acceptance of full-time fellowship program. Corequisite: BSOS 346, BSOS 356 or BSOS 366.*

BSOS399 *(PermReq)* **Directed Study in Behavioral and Social Sciences; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CCJS Criminology and Criminal Justice (Behavioral and Social Sciences)

CCJS100 Introduction to Criminal Justice; (3) REG/P-F/AUD. CORE: SB *Formerly CJUS 100.*
0101 **(07499)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
M 9:00am-9:50am (LEF 1220) Dis
0102 **(07500)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
M 11:00am-11:50am (LEF 1220) Dis
0103 **(07501)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
M 12:00pm-12:50pm (LEF 1220) Dis
0104 **(07502)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Tu 9:00am-9:50am (LEF 1222) Dis
0105 **(07503)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Tu 10:00am-10:50am (LEF 1222) Dis
0106 **(07504)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Tu 11:00am-11:50am (ARM 0119) Dis
0107 **(07505)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Tu 12:00pm-12:50pm (ZOP 1228) Dis
0108 **(07506)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
W 10:00am-10:50am (LEF 1220) Dis
0109 **(07507)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
W 12:00pm-12:50pm (HBK 1108) Dis
0110 **(07508)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
W 2:00pm-2:50pm (ASY 3215) Dis
0111 **(07509)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Th 12:00pm-12:50pm (ARM 0117) Dis
0112 **(07510)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Th 1:00pm-1:50pm (TWS 0131) Dis
0113 **(07511)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
W 3:00pm-3:50pm (LEF 1220) Dis
0114 **(07882)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Th 3:00pm-3:50pm (KEY 0121) Dis

CCJS100+ Introduction to Criminal Justice; (3) REG/P-F/AUD. CORE: SB *Formerly CJUS 100.* Restricted to students in a First Year Focus Cluster.
0102 **(07512)** STAFF
TuTh 4:00pm-4:50pm (ZOP 1240)
M 11:00am-11:50am (LEF 1220) Dis

CCJS100H Introduction to Criminal Justice; (3) REG/P-F/AUD. CORE: SB *Formerly CJUS 100.* For general honors students only.
0101 **(07521)** Gaston, A.
TuTh 4:00pm-4:50pm (ZOP 1240)
Th 5:00pm-5:40pm (ZOP 1234) Dis

CCJS105 Introduction to Criminology; (3) REG/P-F/AUD. CORE: SB *Formerly CRIM 220.*
0101 **(07533)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
M 9:00am-9:50am (LEF 1201) Dis
0102 **(07534)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
M 11:00am-11:50am (LEF 1201) Dis
0103 **(07535)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Tu 9:00am-9:50am (JMZ 0120) Dis
0104 **(07536)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Tu 2:00pm-2:50pm (HBK 1108) Dis
0105 **(07537)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Tu 3:00pm-3:50pm (KEY 0121) Dis
0106 **(07538)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
W 9:00am-9:50am (LEF 1201) Dis
0107 **(07539)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
W 11:00am-11:50am (ARC 1103) Dis
0108 **(07540)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Th 12:00pm-12:50pm (LEF 1222) Dis
0109 **(07541)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Th 1:00pm-1:50pm (ZOP 1232) Dis
0110 **(07542)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
F 11:00am-11:50am (ARC 1105) Dis
0201 **(07543)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
M 10:00am-10:50am (ARM 0117) Dis
0202 **(07544)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
M 1:00pm-1:50pm (LEF 1220) Dis
0203 **(07545)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Tu 10:00am-10:50am (HJP 1229) Dis
0204 **(07546)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Tu 2:00pm-2:50pm (JMZ 2207) Dis
0205 **(07547)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
W 10:00am-10:50am (ARM 0117) Dis
0206 **(07548)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
W 12:00pm-12:50pm (KEY 0126) Dis
0207 **(07549)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Th 9:00am-9:50am (JMZ 0208) Dis
0208 **(07550)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Th 10:00am-10:50am (JMZ 0125) Dis
0209 **(07551)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Th 2:00pm-2:50pm (HBK 1108) Dis
0210 **(07552)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
F 12:00pm-12:50pm (TYD 1128) Dis

CCJS200 Statistics for Criminology and Criminal Justice; (3) REG/P-F/AUD. *Prerequisites: MATH 111 and (CCJS 100 or CCJS 105) or permission of department.*
0101 **(07562)** Paternoster, R.
MW 10:00am-10:50am (SQH 1120)
F 10:00am-10:50am (LEF 1222) Dis
0102 **(07563)** Paternoster, R.
MW 10:00am-10:50am (SQH 1120)
Th 9:00am-9:50am (JMZ 2207) Dis
0103 **(07564)** Paternoster, R.
MW 10:00am-10:50am (SQH 1120)
Th 11:00am-11:50am (ARM 0103) Dis
0201 **(07565)** Tseloni, A.
TuTh 9:30am-10:45am (LEF 1201)
Tu 1:00pm-1:50pm (LEF 1222) Dis
0202 **(07566)** Tseloni, A.
TuTh 9:30am-10:45am (LEF 1201)
Tu 2:00pm-2:50pm (JMZ 0120) Dis

CCJS230 Criminal Law in Action; (3) REG/P-F/AUD. *Formerly CJUS 230.*
0201 **(07576)** Russell, K.
TuTh 9:30am-10:45am (ARM 0131)

CCJS234 Law of Criminal Investigation; (3) REG/P-F/AUD. *Prerequisite: CCJS 230. Formerly CJUS 234.*
0101 **(07586)** Johnston, D.
TuTh 8:00am-9:15am (KEY 0106)

CCJS300 *(PermReq)* **Criminological and Criminal Justice Research Methods; (3)** REG. *Prerequisites: CCJS 100 and CCJS 105; and one of the following: CCJS 200 or SOCY 201 or PSYC 200 or ECON 321 or BMGT 230. Formerly CJUS 300.*
0101 **(07596)** Brooks, L.
MWF 9:00am-9:50am (TYD 2111)
0201 **(07597)** Brooks, L.
MWF 11:00am-11:50am (KEY 0102)
0301 **(07598)** MacDonald, J.
TuTh 12:30pm-1:45pm (ZOP 1236)

CCJS320 Introduction to Criminalistics; (3) REG/P-F/AUD. *Prerequisite: CCJS 234. Formerly CJUS 320.*
0101 **(07608)** Mauriello, T.
MW 6:00pm-7:15pm (LEF 2205)
MW 6:00pm-7:15pm (LEF 0208) Lab
0201 **(07609)** Mauriello, T.
MW 7:30pm-8:45pm (LEF 2205)
MW 7:30pm-8:45pm (LEF 0208) Lab

CCJS330 Contemporary Criminological Issues; (3) REG/P-F/AUD. *Prerequisite: CCJS 105. Formerly CRIM 330.*
0201 **(07619)** Zumbrun, A.
TuTh 11:00am-12:15pm (SYM 0200)
0301 **(07620)** Cosper, G.
W 7:00pm-9:40pm (ASY 2309)
0401 **(07621)** Cosper, G.
W 4:00pm-6:45pm (ASY 2309)

CCJS340 Concepts of Law Enforcement Administration; (3) REG/P-F/AUD. *Prerequisite: CCJS 100 or equivalent. Formerly CJUS 340.*
0101 **(07630)** Brooks, L.
MWF 10:00am-10:50am (TYD 0117)
0201 **(07631)** Carr, T.
Tu 4:00pm-6:45pm (LEF 2205)

CCJS350 Juvenile Delinquency; (3) REG/P-F/AUD. *Prerequisite: CCJS 105. Formerly CRIM 450.*
0101 **(07642)** Brame, R.
MWF 10:00am-10:50am (CSS 2324)
0201 **(07643)** MacDonald, J.
TuTh 11:00am-12:15pm (KEY 0102)
0301 **(07644)** STAFF
TuTh 11:00am-12:15pm (LEF 2205)

CCJS352 Drugs and Crime; (3) REG/P-F/AUD. *Prerequisite: CCJS 100. Formerly CJUS 352.*
0101 **(07654)** Chapman, B.
TuTh 2:00pm-3:15pm (LEF 2205)
0201 **(07655)** Gaston, A.
TuTh 11:00am-12:15pm (VMH 1212)

CCJS359 *(PermReq)* **Field Training in Criminology and Corrections; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: (CCJS 105 or CRIM 220) and (CCJS 350 or CRIM 450), majors only, and permission of department.

CCJS386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.* Prerequisites: junior standing by August 1997; a 3.2 cumulative GPA; and a grade of "A" in the course in which assisting.

CCJS388H Independent Reading Course in Criminology and Criminal Justice; (3) REG. Honors students only.
0101 **(07698)** Sherman, L.
W 3:00pm-4:30pm (LEF 2220R)
Time and room to be arranged Dis

CCJS389H *(PermReq)* **Independent Research in Criminology and Criminal Justice; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. For Honors students only.

CCJS398 *(PermReq)* **Law Enforcement Field Training; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: junior standing. Majors only.

CCJS399 *(PermReq)* **Independent Study in Criminology and Criminal Justice; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of CCJS credits.

CCJS432 *(PermReq)* **Law of Corrections; (3)** REG/P-F/AUD. *Prerequisites: CCJS 230 or CCJS 234; and CCJS 105; and CCJS 300. Formerly CRIM 432.*
0101 **(07738)** Zumbrun, A.
TuTh 12:30pm-1:45pm (SYM 0200)

CCJS451 *(PermReq)* **Crime and Delinquency Prevention; (3)** REG/P-F/AUD. *Prerequisites: CCJS 105 or CCJS 350 or permission of department; and CCJS 300. Formerly CRIM 451.*
0101 **(07748)** STAFF
MWF 9:00am-9:50am (LEF 2166)

CCJS452 *(PermReq)* **Treatment of Criminals and Delinquents; (3)** REG/P-F/AUD. *Prerequisites: CCJS 105 or CCJS 350 or permission of department; and CCJS 300. Formerly CRIM 452.*
0101 **(07758)** Gaston, A.
TuTh 2:00pm-3:15pm (TYD 1101)

CCJS454 *(PermReq)* **Contemporary Criminological Theory; (3)** REG/P-F/AUD. *Prerequisites: CCJS 105; and CCJS 300; and CCJS 350. Formerly CRIM 454.*
0101 **(07768)** Chapman, B.
TuTh 12:30pm-1:45pm (LEF 2208)

CCJS498C *(PermReq)* **Selected Topics in Criminology and Criminal Justice: Police and Campus Interaction; (3)** REG/P-F/AUD.
0101 **(07778)** Wellford, C.
MW 3:30pm-4:45pm (LEF 2205)

CCJS498D *(PermReq)* **Selected Topics in Criminology and Criminal Justice: Fundamental for Criminological Research; (3)** REG.
0101 **(07788)** Paternoster, R.
Th 4:00pm-6:45pm (LEF 1221)

CCJS600 Criminal Justice; (3) REG/AUD. *Prerequisites: admission to the graduate program in criminal justice or permission of department. Formerly CJUS 600.*
0101 **(07798)** Sherman, L.
W 4:00pm-6:45pm (LEF 2208)

CCJS652 Seminar in Juvenile Delinquency; (3) REG/AUD. *Formerly CRIM 652.*
0101 **(07808)** Gottfredson, D.
W 4:00pm-6:45pm (LEF 1201)

CCJS670 Race, Crime, and Criminal Justice; (3) REG/AUD.
0101 **(07809)** Russell, K.
W 1:00pm-3:45pm (EDU 3236)

CCJS699 Special Criminological Problems; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CCJS699L Special Criminological Problems; (3) REG/AUD.
0101 **(07828)** Smith, D.
Tu 4:00pm-6:45pm (ARM 0117)

CCJS699P Special Criminological Problems: Psychology of Crime and Justice; (3) REG/AUD.
0101 **(07838)** Mackenzie, D.
Th 4:00pm-6:45pm (LEF 1222)

CCJS699R Special Criminological Problems: Policy Analysis; (3) REG/AUD.
0101 **(07839)** Reuter, P.
Tu 4:00pm-6:45pm (LEF 1221)

CCJS799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CCJS899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CHEM Chemistry (Life Sciences)

CHEM103 General Chemistry I; (4) REG/P-F/AUD. CORE: PL *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* Laboratory sessions will begin after the first lecture. Students must pay a $40.00 Laboratory Materials fee.
3114 **(07925)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1105) Lab
Tu 8:00am-8:50am (CHM 0127) Dis
3115 **(07926)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1106) Lab
Tu 8:00am-8:50am (CHE 2140) Dis
3124 **(07927)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1105) Lab
Tu 8:00am-8:50am (CHM 0128) Dis
3125 **(07928)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1106) Lab
Tu 8:00am-8:50am (EGR 1110) Dis
3127 **(07929)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1105) Lab
Tu 8:00am-8:50am (CHE 2118) Dis
3134 **(07930)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1105) Lab
Tu 9:30am-10:20am (CHE 2116) Dis
3135 **(07931)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1106) Lab
Tu 9:30am-10:20am (CHE 2118) Dis
3136 **(07932)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1111) Lab
Tu 9:30am-10:20am (EGR 0102) Dis

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

3144 **(07933)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1105) Lab
Tu 9:30am-10:20am (EGR 3111) Dis

3145 **(07934)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1106) Lab
Tu 9:30am-10:20am (EGR 0104) Dis

3154 **(07935)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1105) Lab
Tu 8:00am-8:50am (CHM 0124) Dis

3214 **(07936)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1109) Lab
Th 8:00am-8:50am (EGR 0102) Dis

3215 **(07937)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1110) Lab
Th 8:00am-8:50am (EGR 3111) Dis

3224 **(07938)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1109) Lab
Th 8:00am-8:50am (CHE 2120) Dis

3225 **(07939)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1112) Lab
Th 8:00am-8:50am (CHM 0124) Dis

3228 **(07940)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1109) Lab
Th 8:00am-8:50am (EGR 2112) Dis

3234 **(07941)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1109) Lab
Th 9:30am-10:20am (EGR 0102) Dis

3235 **(07942)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1110) Lab
Th 9:30am-10:20am (EGR 3111) Dis

3244 **(07943)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1109) Lab
Th 9:30am-10:20am (CHE 2118) Dis

3245 **(07944)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1110) Lab
Th 9:30am-10:20am (EGR 1102) Dis

3254 **(07945)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1106) Lab
Th 9:30am-10:20am (EGR 0104) Dis

3311 **(07946)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
M 8:00am-10:50am (CHM 1112) Lab
Tu 11:00am-11:50am (CHE 2116) Dis

3314 **(07947)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1112) Lab
Tu 11:00am-11:50am (CHM 0119) Dis

3315 **(07948)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1111) Lab
Tu 11:00am-11:50am (CHE 2140) Dis

3317 **(07949)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1112) Lab
Tu 11:00am-11:50am (CHM 0127) Dis

3327 **(07950)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1112) Lab
Tu 11:00am-11:50am (EGR 0102) Dis

3331 **(07951)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
W 8:00am-10:50am (CHM 1112) Lab
Tu 12:30pm-1:20pm (CHM 0128) Dis

3334 **(07952)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1112) Lab
Tu 12:30pm-1:20pm (CHM 0119) Dis

3337 **(07953)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
W 3:00pm-5:50pm (CHM 1112) Lab
Tu 12:30pm-1:20pm (CHM 0124) Dis

3344 **(07954)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1112) Lab
Tu 12:30pm-1:20pm (COL 3110) Dis

3347 **(07955)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Th 3:30pm-6:20pm (CHM 1105) Lab
Tu 12:30pm-1:20pm (CHE 2116) Dis

3354 **(07956)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1112) Lab
Tu 11:00am-11:50am (ARM 0118) Dis

3411 **(07957)** Eichhorn, B.
MWF 12:00pm-12:50pm (CHM 1407)
M 8:00am-10:50am (CHM 1105) Lab
Th 12:30pm-1:20pm (CHM 0122) Dis

3417 **(07958)** Eichhorn, B.
MWF 12:00pm-12:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1105) Lab
Th 12:30pm-1:20pm (CHM 0127) Dis

3418 **(07959)** Eichhorn, B.
MWF 12:00pm-12:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1106) Lab
Th 12:30pm-1:20pm (CHE 2116) Dis

3424 **(07960)** Eichhorn, B.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1110) Lab
Th 12:30pm-1:20pm (CHM 0119) Dis

3425 **(07961)** Eichhorn, B.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1111) Lab
Th 12:30pm-1:20pm (ARM 0120) Dis

3427 **(07962)** Eichhorn, B.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1106) Lab
Th 12:30pm-1:20pm (CHE 2140) Dis

3431 **(07963)** Eichhorn, B.
MWF 12:00pm-12:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1105) Lab
Th 2:00pm-2:50pm (CHM 0119) Dis

3437 **(07964)** Eichhorn, B.
MWF 12:00pm-12:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1106) Lab
Th 2:00pm-2:50pm (EGR 3111) Dis

3438 **(07965)** Eichhorn, B.
MWF 12:00pm-12:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1110) Lab
Th 2:00pm-2:50pm (CHE 2120) Dis

3441 **(07966)** Eichhorn, B.
MWF 12:00pm-12:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1106) Lab
Th 2:00pm-2:50pm (CHM 0122) Dis

3447 **(07967)** Eichhorn, B.
MWF 12:00pm-12:50pm (CHM 1407)
Th 3:30pm-6:20pm (CHM 1106) Lab
Th 2:00pm-2:50pm (EGR 0110) Dis

3448 **(07968)** Eichhorn, B.
MWF 12:00pm-12:50pm (CHM 1407)
Th 3:30pm-6:20pm (CHM 1109) Lab
Th 2:00pm-2:50pm (CHM 0127) Dis

3511 **(07969)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
M 8:00am-10:50am (CHM 1110) Lab
Tu 12:30pm-1:20pm (EGR 3111) Dis

3517 **(07970)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1110) Lab
Tu 12:30pm-1:20pm (EGR 1110) Dis

3521 **(07971)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1110) Lab
Tu 12:30pm-1:20pm (ARM 0120) Dis

3522 **(07972)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1111) Lab
Tu 12:30pm-1:20pm (EGR 0108) Dis

3523 **(07973)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1106) Lab
Tu 12:30pm-1:20pm (MTH B0429) Dis

3527 **(07974)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1110) Lab
Tu 12:30pm-1:20pm (EGR 2112) Dis

3531 **(07975)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1110) Lab
Tu 2:00pm-2:50pm (EGR 3111) Dis

3537 **(07976)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1105) Lab
Tu 2:00pm-2:50pm (EGR 3102) Dis

3542 **(07977)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1111) Lab
Tu 2:00pm-2:50pm (CHE 2118) Dis

3544 **(07978)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 12:30pm-3:20pm (CHM 1111) Lab
Tu 2:00pm-2:50pm (CHE 2116) Dis

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8101 **(*****)** Chang, E.
M 6:30pm-10:30pm (CHM 1402)
W 6:30pm-9:30pm (Arranged) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

8102 **(*****)** Chang, E.
M 6:30pm-10:30pm (CHM 1402)
W 6:30pm-9:30pm (Arranged) Lab

Section 8102 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

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CHEM103+ General Chemistry I; (4) REG/P-F/AUD. CORE: PL *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* Restricted to College Park Scholars - Life Sciences. Students must pay a $40.00 Laboratory Materials fee.

3147 **(07991)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Th 3:30pm-6:20pm (CHM 1111) Lab
Th 9:30am-10:20am (EGR 0108) Dis

3227 **(07992)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1111) Lab
Th 8:00am-8:50am (CHE 2116) Dis

3247 **(07993)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 3:30pm-6:20pm (CHM 1110) Lab
Th 9:30am-10:20am (CHE 2116) Dis

3348 **(07994)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Th 3:30pm-6:20pm (CHM 1112) Lab
Tu 12:30pm-1:20pm (ARM 0102) Dis

3541 **(07995)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1110) Lab
Tu 2:00pm-2:50pm (MTH 0101) Dis

CHEM103H General Chemistry I; (4) REG/P-F/AUD. CORE: PL *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* For general honors students only. Students must pay a $40.00 Laboratory Materials fee.

0317 **(08005)** Walters, W.
MWF 10:00am-10:50am (CHM 1402)
M 3:00pm-5:50pm (CHM 1109) Lab
Th 8:00am-8:50am (EGR 3114) Dis

0337 **(08006)** Walters, W.
MWF 10:00am-10:50am (CHM 1402)
W 3:00pm-5:50pm (CHM 1109) Lab
Th 9:30am-10:20am (EGR 3114) Dis

0354 **(08007)** Walters, W.
MWF 10:00am-10:50am (CHM 1402)
F 12:00pm-2:50pm (CHM 1109) Lab
Th 8:00am-8:50am (CHM 0127) Dis

CHEM103M *(PermReq)* **General Chemistry I; (4)** REG/P-F/AUD. CORE: PL *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* Prerequisite: CHEM 103 taken within twelve months of the semester in which CHEM 103M is taken. A student is eligible to take this course only if the lab scores received in CHEM 103, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 103M. Permission of department required.

3114 **(08017)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 8:00am-8:50am (CHM 0127) Dis

3115 **(08018)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 8:00am-8:50am (CHE 2140) Dis

3124 **(08019)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 8:00am-8:50am (CHM 0128) Dis

3125 **(08020)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 8:00am-8:50am (EGR 1110) Dis

3127 **(08021)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 8:00am-8:50am (CHE 2118) Dis

3134 **(08022)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 9:30am-10:20am (CHE 2116) Dis

3135 **(08023)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 9:30am-10:20am (CHE 2118) Dis

3136 **(08024)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 9:30am-10:20am (EGR 0102) Dis

3144 **(08025)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 9:30am-10:20am (EGR 3111) Dis

3145 **(08026)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 9:30am-10:20am (EGR 0104) Dis

3154 **(08027)** Bellama, J.
MWF 8:00am-8:50am (CHM 1407)
Tu 8:00am-8:50am (CHM 0124) Dis

3214 **(08028)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 8:00am-8:50am (EGR 0102) Dis

3215 **(08029)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 8:00am-8:50am (EGR 3111) Dis

3224 **(08030)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 8:00am-8:50am (CHE 2120) Dis

3225 **(08031)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 8:00am-8:50am (CHM 0124) Dis

3228 **(08032)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 8:00am-8:50am (EGR 2112) Dis

3234 **(08033)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 9:30am-10:20am (EGR 0102) Dis

3235 **(08034)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 9:30am-10:20am (EGR 3111) Dis

3244 **(08035)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 9:30am-10:20am (CHE 2118) Dis

3245 **(08036)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 9:30am-10:20am (EGR 1102) Dis

3254 **(08037)** Bellama, J.
MWF 10:00am-10:50am (CHM 1407)
Th 9:30am-10:20am (EGR 0104) Dis

3311 **(08038)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 11:00am-11:50am (CHE 2116) Dis

3314 **(08039)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 11:00am-11:50am (CHM 0119) Dis

3315 **(08040)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 11:00am-11:50am (CHE 2140) Dis

3317 **(08041)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 11:00am-11:50am (CHM 0127) Dis

3327 **(08042)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 11:00am-11:50am (EGR 0102) Dis

3331 **(08043)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 12:30pm-1:20pm (CHM 0128) Dis

3334 **(08044)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 12:30pm-1:20pm (CHM 0119) Dis

3337 **(08045)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 12:30pm-1:20pm (CHM 0124) Dis

3344 **(08046)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 12:30pm-1:20pm (COL 3110) Dis

3347 **(08047)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 12:30pm-1:20pm (CHE 2116) Dis

3354 **(08048)** DeVoe, H.
MWF 11:00am-11:50am (CHM 1407)
Tu 11:00am-11:50am (ARM 0118) Dis

3411 **(08049)** Helz, G.
MWF 12:00pm-12:50pm (CHM 1407)
Th 12:30pm-1:20pm (CHM 0122) Dis

3417 **(08050)** Helz, G.
MWF 12:00pm-12:50pm (CHM 1407)
Th 12:30pm-1:20pm (CHM 0127) Dis

3418 **(08051)** Helz, G.
MWF 12:00pm-12:50pm (CHM 1407)
Th 12:30pm-1:20pm (CHE 2116) Dis

3424 **(08052)** Helz, G.
MWF 12:00pm-12:50pm (CHM 1407)
Th 12:30pm-1:20pm (CHM 0119) Dis

3425 **(08053)** Helz, G.
MWF 12:00pm-12:50pm (CHM 1407)
Th 12:30pm-1:20pm (ARM 0120) Dis

3427 **(08054)** Helz, G.
MWF 12:00pm-12:50pm (CHM 1407)
Th 12:30pm-1:20pm (CHE 2140) Dis

3431 **(08055)** Helz, G.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-2:50pm (CHM 0119) Dis

3437 **(08056)** Helz, G.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-2:50pm (EGR 3111) Dis

3438 **(08057)** Helz, G.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-2:50pm (CHE 2120) Dis

3441 **(08058)** Helz, G.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-2:50pm (CHM 0122) Dis

3447 **(08059)** Helz, G.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-2:50pm (EGR 0110) Dis

3511 **(08060)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 12:30pm-1:20pm (EGR 3111) Dis

3517 **(08061)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 12:30pm-1:20pm (EGR 1110) Dis

3521 **(08062)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 12:30pm-1:20pm (ARM 0120) Dis

3522 **(08063)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 12:30pm-1:20pm (EGR 0108) Dis

3523 **(08064)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 12:30pm-1:20pm (MTH B0429) Dis

3527 **(08065)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 12:30pm-1:20pm (EGR 2112) Dis

3531 **(08066)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 2:00pm-2:50pm (EGR 3111) Dis

3537 **(08067)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 2:00pm-2:50pm (EGR 3102) Dis

3542 **(08068)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 2:00pm-2:50pm (CHE 2118) Dis

3544 **(08069)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 2:00pm-2:50pm (CHE 2116) Dis

CHEM113 General Chemistry II; (4) REG/P-F/AUD. CORE: PL *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115.* Laboratory sessions will begin after the first lecture. Students must pay a $40.00 Laboratory Materials fee.

4111 **(08089)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 8:00am-10:50am (CHM 1128) Lab
M 1:00pm-1:50pm (CHE 2116) Dis

4117 **(08090)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 3:00pm-5:50pm (CHM 1128) Lab
M 1:00pm-1:50pm (CHM 0122) Dis

4124 **(08091)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1128) Lab
M 1:00pm-1:50pm (CHM 0124) Dis

4125 **(08092)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1208) Lab
M 1:00pm-1:50pm (ARM 0120) Dis

4131 **(08093)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
W 8:00am-10:50am (CHM 1128) Lab
M 2:00pm-2:50pm (CHE 2136) Dis

4134 **(08094)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
W 12:00pm-2:50pm (CHM 1128) Lab
M 2:00pm-2:50pm (ARM 0102) Dis

4137 **(08095)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
W 3:00pm-5:50pm (CHM 1128) Lab
M 2:00pm-2:50pm (EGR 2112) Dis

4144 **(08096)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1128) Lab
M 2:00pm-2:50pm (CHM 2201) Dis

4154 **(08097)** Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
F 12:00pm-2:50pm (CHM 1128) Lab
M 1:00pm-1:50pm (ARM 0102) Dis

4211 **(08098)** Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
M 8:00am-10:50am (CHM 1208) Lab
W 1:00pm-1:50pm (CHM 0119) Dis

4214 **(08099)** Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1208) Lab
W 1:00pm-1:50pm (ARM 0102) Dis

4215 **(08100)** Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1128) Lab
W 1:00pm-1:50pm (ARM 0101) Dis

4217 **(08101)** Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1208) Lab
W 1:00pm-1:50pm (PHY 4220) Dis

4221 **(08102)** Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1208) Lab
W 1:00pm-1:50pm (CHM 0124) Dis

4227 **(08103)** Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1208) Lab
W 1:00pm-1:50pm (EGR 1110) Dis

4231 **(08105)** Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1208) Lab
W 2:00pm-2:50pm (CHM 0119) Dis

4237 **(08106)** Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1208) Lab
W 2:00pm-2:50pm (CHM 0122) Dis

4241 **(08107)** Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
Th 8:00am-10:50am (CHM 1128) Lab
W 2:00pm-2:50pm (CHM 2201) Dis

4247 **(08108)** Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
Th 3:30pm-6:20pm (CHM 1208) Lab
W 2:00pm-2:50pm (EGR 1110) Dis

4254 **(08109)** Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1208) Lab
W 2:00pm-2:50pm (ARM 0102) Dis

4255 **(08110)** Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1111) Lab
W 2:00pm-2:50pm (EGR 3114) Dis

CHEM113 cont'd

8101 (*****) Dusold, L.
M 6:30pm-10:30pm (PHY 1221)
W 6:30pm-9:30pm (Arranged) Lab

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CHEM113M *(PermReq)* **General Chemistry II; (4)** REG/P-F/AUD. CORE: PL *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115.* Prerequisite: CHEM 113 taken within twelve months of the semester in which CHEM 113M is taken. A student is eligible to take this course only if the lab scores received in CHEM 103, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 113M. Permission of department required.

4111 (08123) Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 1:00pm-1:50pm (CHE 2116) Dis

4117 (08124) Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 1:00pm-1:50pm (CHM 0122) Dis

4124 (08125) Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 1:00pm-1:50pm (CHM 0124) Dis

4125 (08126) Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 1:00pm-1:50pm (ARM 0120) Dis

4131 (08127) Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 2:00pm-2:50pm (CHE 2136) Dis

4134 (08128) Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 2:00pm-2:50pm (ARM 0102) Dis

4137 (08129) Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 2:00pm-2:50pm (EGR 2112) Dis

4144 (08130) Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 2:00pm-2:50pm (CHM 2201) Dis

4154 (08131) Munn, R.
TuTh 8:00am-9:15am (CHM 1407)
M 1:00pm-1:50pm (ARM 0102) Dis

4211 (08132) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (CHM 0119) Dis

4214 (08133) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (ARM 0102) Dis

4215 (08134) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (ARM 0101) Dis

4217 (08135) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (PHY 4220) Dis

4221 (08136) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (CHM 0124) Dis

4227 (08137) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (EGR 1110) Dis

4228 (08138) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (EGR 3114) Dis

4231 (08139) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (CHM 0119) Dis

4237 (08140) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (CHM 0122) Dis

4241 (08141) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (CHM 2201) Dis

4247 (08142) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (EGR 1110) Dis

4254 (08143) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (ARM 0102) Dis

4255 (08144) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (EGR 3114) Dis

4256 (08145) Tossell, J.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (EGR 2112) Dis

CHEM133 General Chemistry for Engineers; (4) REG/P-F/AUD. *Prerequisite: one year of high school chemistry. Corequisite: MATH 140. For ENGR majors only. Not open to students who have completed CHEM 102, CHEM 103, CHEM 107, CHEM 111, CHEM 113, CHEM 143 or CHEM 153.* Students must pay a $40.00 Laboratory Materials fee.

6117 (08155) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1119) Lab
M 11:00am-11:50am (ARM 0101) Dis

6121 (08156) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1119) Lab
M 11:00am-11:50am (ARM 0119) Dis

6127 (08158) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1119) Lab
M 11:00am-11:50am (CHE 2118) Dis

6128 (08159) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1122) Lab
M 11:00am-11:50am (CHE 2140) Dis

6131 (08160) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1119) Lab
M 12:00pm-12:50pm (CHM 0122) Dis

6137 (08161) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1119) Lab
M 12:00pm-12:50pm (ARM 0101) Dis

6141 (08163) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1119) Lab
M 12:00pm-12:50pm (ARM 0103) Dis

6144 (08164) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 12:30pm-3:20pm (CHM 1122) Lab
M 12:00pm-12:50pm (CHM 2201) Dis

6145 (08165) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 12:30pm-3:20pm (CHM 1119) Lab
M 12:00pm-12:50pm (CHE 2140) Dis

6147 (08166) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 3:30pm-6:20pm (CHM 1119) Lab
M 12:00pm-12:50pm (ARM 0118) Dis

6151 (08167) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
F 8:00am-10:50am (CHM 1122) Lab
M 11:00am-11:50am (ZOP 1234) Dis

CHEM133+ General Chemistry for Engineers; (4) REG/P-F/AUD. *Prerequisite: one year of high school chemistry. Corequisite: MATH 140. For ENGR majors only. Not open to students who have completed CHEM 102, CHEM 103, CHEM 107, CHEM 111, CHEM 113, CHEM 143 or CHEM 153.* Restricted to students in a First Year Focus Cluster. Students must pay a $40.00 Laboratory Materials fee.

6124 (08168) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1122) Lab
M 11:00am-11:50am (CHE 2120) Dis

6138 (08169) DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1122) Lab
M 12:00pm-12:50pm (CHE 2116) Dis

CHEM143 General and Analytical Chemistry I; (5) REG/P-F/AUD. *Prerequisite: placement in MATH 115 or higher. For CHEM majors only. Credit will be granted for only one of the following: CHEM 103, CHEM 122, CHEM 102, CHEM 143.* Students must pay a $40.00 Laboratory Materials fee.

0031 (08177) Moore, J.
MWF 9:00am-9:50am (CHM 1402)
MW 12:00pm-3:00pm (CHM 1212) Lab
Tu 11:00am-11:50am (EGR 2112) Dis

0032 (08178) Moore, J.
MWF 9:00am-9:50am (CHM 1402)
TuTh 8:00am-10:50am (CHM 1212) Lab
Tu 11:00am-11:50am (EGR 3111) Dis

0033 (08179) Moore, J.
MWF 9:00am-9:50am (CHM 1402)
TuTh 3:30pm-6:20pm (CHM 1212) Lab
Tu 11:00am-11:50am (CHM 2201) Dis

CHEM227 Inorganic and Analytical Chemistry Lab; (4) REG/P-F/AUD. *Prerequisite: CHEM 113.* Students must pay a $40.00 Laboratory Materials fee.

1417 (08189) Lee, C.
MW 2:00pm-2:50pm (CHM 1402)
MW 3:00pm-5:50pm (CHM 3226) Lab

1424 (08190) Lee, C.
MW 2:00pm-2:50pm (CHM 1402)
TuTh 12:30pm-3:20pm (CHM 3226) Lab

1427 (08191) Lee, C.
MW 2:00pm-2:50pm (CHM 1402)
TuTh 3:30pm-6:20pm (CHM 3226) Lab

CHEM233 Organic Chemistry I; (4) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Laboratory sessions will begin after the first lecture. Students must pay a $40.00 Laboratory Materials fee.

7114 (08201) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1215) Lab
Tu 12:30pm-1:20pm (ARM 0101) Dis

7115 (08202) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1221) Lab
Tu 12:30pm-1:20pm (COL 3111) Dis

7117 (08203) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1215) Lab
Tu 12:30pm-1:20pm (CSS 2352) Dis

7118 (08204) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1221) Lab
Tu 12:30pm-1:20pm (CSS 2416) Dis

7121 (08205) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 8:00am-10:50am (CHM 1215) Lab
Tu 12:30pm-1:20pm (HJP 1229) Dis

7122 (08206) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 8:00am-10:50am (CHM 1221) Lab
Tu 12:30pm-1:20pm (HBK 0125) Dis

7134 (08207) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1221) Lab
Tu 2:00pm-2:50pm (CHM 0119) Dis

7135 (08208) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1215) Lab
Tu 2:00pm-2:50pm (CHM 0127) Dis

7137 (08209) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
W 3:00pm-5:50pm (CHM 1221) Lab
Tu 2:00pm-2:50pm (EGR 0110) Dis

7141 (08210) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Th 8:00am-10:50am (CHM 1221) Lab
Tu 2:00pm-2:50pm (EGR 1110) Dis

7144 (08211) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1221) Lab
Tu 2:00pm-2:50pm (EGR 3114) Dis

7145 (08212) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1227) Lab
Tu 2:00pm-2:50pm (EGR 0108) Dis

7146 (08213) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1215) Lab
Tu 2:00pm-2:50pm (ARM 0105) Dis

7154 (08214) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1227) Lab
Tu 2:00pm-2:50pm (CHE 2120) Dis

7157 (08215) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
F 3:00pm-5:50pm (CHM 1215) Lab
Tu 12:30pm-1:20pm (ARC 1105) Dis

7158 (08216) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
F 3:00pm-5:50pm (CHM 1221) Lab
Tu 12:30pm-1:20pm (TWS 0131) Dis

7214 (08217) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1227) Lab
M 8:00am-8:50am (CHM 0122) Dis

7217 (08218) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1227) Lab
M 8:00am-8:50am (CHM 0124) Dis

7221 (08219) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1227) Lab
M 8:00am-8:50am (CHM 0119) Dis

7231 (08220) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1227) Lab
M 9:00am-9:50am (CHM 0122) Dis

7232 (08221) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1221) Lab
M 9:00am-9:50am (ARM 0105) Dis

7233 (08222) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1215) Lab
M 9:00am-9:50am (CHM 2201) Dis

7234 (08223) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 12:00pm-2:50pm (CHM 1227) Lab
M 9:00am-9:50am (ARM 0101) Dis

7237 (08224) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1227) Lab
M 9:00am-9:50am (CHE 2116) Dis

7238 (08225) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1215) Lab
M 9:00am-9:50am (CHE 2118) Dis

7241 (08226) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
Th 8:00am-10:50am (CHM 1215) Lab
M 9:00am-9:50am (CHE 2120) Dis

7242 (08227) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
Th 8:00am-10:50am (CHM 1227) Lab
M 9:00am-9:50am (CHE 2145) Dis

7251 (08228) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 8:00am-10:50am (CHM 1227) Lab
M 8:00am-8:50am (ARM 0101) Dis

7252 (08229) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 8:00am-10:50am (CHM 1221) Lab
M 8:00am-8:50am (CHE 2116) Dis

7253 (08230) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 8:00am-40:50am (CHM 1215) Lab
M 8:00am-8:50am (CHE 2118) Dis

7254 (08231) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1215) Lab
M 8:00am-8:50am (CHE 2120) Dis

7255 (08232) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1221) Lab
M 8:00am-8:50am (CHE 2145) Dis

8101 (*****) Fribush, H.
M 6:30pm-9:30pm (PLS 1130)
W 7:30pm-9:30pm (Arranged) Lab
W 6:30pm-7:30pm (PLS 1184) Dis

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

8102 (*****) Fribush, H.
M 6:30pm-9:30pm (PLS 1130)
W 7:30pm-9:30pm (Arranged) Lab
W 6:30pm-7:30pm (PLS 1168) Dis

Section 8102 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

CHEM233M *(PermReq)* **Organic Chemistry I; (4)** REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Prerequisite: CHEM 233 taken within twelve months of the semester in which CHEM 233M is taken. A student is eligible to take this course only if the lab scores received in CHEM 233, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 233M. Permission of department required.

7114 (08245) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:20pm (ARM 0101) Dis

7115 (08246) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:20pm (COL 3111) Dis

7117 (08247) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:20pm (CSS 2352) Dis

7118 (08248) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:20pm (CSS 2416) Dis

7121 (08249) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:20pm (HJP 1229) Dis

7122 (08250) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:20pm (HBK 0125) Dis

7134 (08251) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (CHM 0119) Dis

7135 (08252) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (CHM 0127) Dis

7137 (08253) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (EGR 0110) Dis

7141 (08254) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (EGR 1110) Dis

7144 (08255) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (EGR 3114) Dis

7145 (08256) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (EGR 0108) Dis

7146 (08257) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (ARM 0105) Dis

7154 (08258) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-2:50pm (CHE 2120) Dis

7157 (08259) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:20pm (ARC 1105) Dis

7158 (08260) DeShong, P.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:20pm (TWS 0131) Dis

7214 (08261) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0122) Dis

7217 (08262) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0124) Dis

7221 (08263) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0119) Dis

7231 (08264) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (CHM 0122) Dis

7232 (08265) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (ARM 0105) Dis

7233 (08266) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (CHM 2201) Dis

7234 (08267) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (ARM 0101) Dis

7237 (08268) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (CHE 2116) Dis

7238 (08269) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (CHE 2118) Dis

7241 (08270) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (CHE 2120) Dis

7242 (08271) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (CHE 2145) Dis

7251 (08272) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (ARM 0101) Dis

7252 (08273) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHE 2116) Dis

7253 (08274) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHE 2118) Dis

7254 (08275) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHE 2120) Dis

7255 (08276) Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHE 2145) Dis

CHEM237 Principles of Organic Chemistry I; (4) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153 or permission of department. For CHEM, BCHM, and ENCH majors and honors students only. Credit will be granted for only one of the following: CHEM 233, CHEM 235 or CHEM 237.* Students must pay a $40.00 Laboratory Materials fee.

0734 (08286) Rokita, S.
MWF 9:00am-9:50am (CHM 0128)
W 12:00pm-2:50pm (CHM 1216) Lab
Tu 2:00pm-2:50pm (CHM 0122) Dis

0737 (08287) Rokita, S.
MWF 9:00am-9:50am (CHM 0128)
W 3:00pm-5:50pm (CHM 1216) Lab
Tu 2:00pm-2:50pm (JMP 3105) Dis

0744 (08288) Rokita, S.
MWF 9:00am-9:50am (CHM 0128)
Th 12:30pm-3:20pm (CHM 1216) Lab
Tu 2:00pm-2:50pm (ARM 0119) Dis

0747 (08289) Rokita, S.
MWF 9:00am-9:50am (CHM 0128)
Th 3:30pm-6:20pm (CHM 1216) Lab
Tu 2:00pm-2:50pm (CHM 0124) Dis

CHEM243 Organic Chemistry II; (4) REG/P-F/AUD. *Prerequisite: CHEM 233 with a grade of C or better. Credit will be granted for only one of the following: CHEM 243 or CHEM 247.* Laboratory sessions will begin after the first lecture. Students must pay a $40.00 Laboratory Materials fee.

8114 (08299) Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1224) Lab
W 1:00pm-1:50pm (COL 3112) Dis

8115 (08300) Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1233) Lab
W 1:00pm-1:50pm (CHM 0122) Dis

8117 (08301) Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1224) Lab
W 1:00pm-1:50pm (JRN 1104) Dis

8118 (08302) Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1233) Lab
W 1:00pm-1:50pm (ARM 0105) Dis

8121 (08303) Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1224) Lab
W 1:00pm-1:50pm (CHE 2140) Dis

8122 **(08304)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1233) Lab
W 1:00pm-1:50pm (ARM 0120) Dis
8131 **(08305)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 8:00am-10:50am (CHM 1224) Lab
W 2:00pm-2:50pm (CHE 2140) Dis
8132 **(08306)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 8:00am-10:50am (CHM 1233) Lab
W 2:00pm-2:50pm (ARM 0105) Dis
8141 **(08307)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
Th 8:00am-10:50am (CHM 1233) Lab
W 2:00pm-2:50pm (ARM 0120) Dis
8151 **(08308)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
F 8:00am-10:50am (CHM 1224) Lab
W 2:00pm-2:50pm (JRN 1104) Dis
8154 **(08309)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1224) Lab
W 2:00pm-2:50pm (COL 3112) Dis

CHEM243M *(PermReq)* **Organic Chemistry II; (4)** REG/P-F/AUD. *Prerequisite: CHEM 233 with a grade of C or better. Credit will be granted for only one of the following: CHEM 243 or CHEM 247.* Prerequisite: CHEM 243 taken within twelve months of the semester in which CHEM 243M is taken. A student is eligible to take this course only if the lab scores received in CHEM 243, the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in CHEM 243M. Permission of department required.
8114 **(08319)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (COL 3112) Dis
8115 **(08320)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (CHM 0122) Dis
8117 **(08321)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (JRN 1104) Dis
8118 **(08322)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (ARM 0105) Dis
8121 **(08323)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (CHE 2140) Dis
8122 **(08324)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (ARM 0120) Dis
8131 **(08325)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 2:00pm-2:50pm (CHE 2140) Dis
8132 **(08326)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 2:00pm-2:50pm (ARM 0105) Dis
8141 **(08327)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 2:00pm-2:50pm (ARM 0120) Dis
8151 **(08328)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 2:00pm-2:50pm (JRN 1104) Dis
8154 **(08329)** Davis, J.
TuTh 12:30pm-1:45pm (CHM 1407)
W 2:00pm-2:50pm (COL 3112) Dis

CHEM287 Computer Programming for the Biological and Chemical Sciences; (4) REG/P-F/AUD. *Prerequisite: one year of college chemistry or biological science.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(08339)** Murphy, T.
MWF 11:00am-11:50am (CHM 0128)
Time and room to be arranged Lab

CHEM398 *(PermReq)* **Special Projects; (2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Consult with Dr. Berkowitz.

CHEM399 *(PermReq)* **Introduction to Chemical Research; (1-3)** REG/P-F/AUD. CORE: CS Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Berkowitz.

CHEM399X *(PermReq)* **Introduction to Chemical Research: Practicum in Chemistry Teaching; (2)** REG/P-F/AUD. CORE: CS
0101 **(08917)** Berkowitz, D.
Time and room to be arranged

CHEM401 Inorganic Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 247.*
0101 **(08433)** Pilato, R.
MWF 10:00am-10:50am (CHM 0128)

CHEM403 Radiochemistry; (3) REG/P-F/AUD. *Prerequisite: one year of college chemistry and one year of college physics.*
0101 **(08443)** Mignerey, A.
MWF 12:00pm-12:50pm (CHM 0128)

CHEM425 Instrumental Methods of Analysis; (3) REG/P-F/AUD. *Prerequisite: CHEM 227 or CHEM 153.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(08453)** Blough, N.
Tu 8:00am-8:50am (CHM 0122)
MW 12:00pm-2:50pm (Arranged) Lab
0102 **(08454)** Blough, N.
Tu 8:00am-8:50am (CHM 0122)
TuTh 12:30pm-3:20pm (Arranged) Lab
0104 **(08455)** Blough, N.
Tu 8:00am-8:50am (CHM 0122)
TuTh 9:30am-11:50am (Arranged) Lab
0109 **(08456)** Blough, N.
Tu 8:00am-8:50am (CHM 0122)
TuTh 6:30pm-9:20pm (Arranged) Lab

CHEM441 Advanced Organic Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 481.*
0101 **(08466)** Isaacs, L.
MWF 8:00am-8:50am (CHM 0128)

CHEM474 Environmental Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 481 or equivalent.*
0101 **(08476)** Ondov, J.
MWF 1:00pm-1:50pm (CHM 0128)

CHEM481 Physical Chemistry I; (3) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153 or CHEM 133; and MATH 141; and PHYS 142.*
0101 **(08486)** Khanna, R.
MWF 8:00am-8:50am (CHM 0115)
0201 **(08487)** Murphy, T.
MWF 9:00am-9:50am (CHM 0115)

CHEM482 Physical Chemistry II; (3) REG/P-F/AUD. *Prerequisite: CHEM 481.*
0101 **(08497)** Miller, G.
MWF 8:00am-8:50am (CHM 1402)

CHEM483 Physical Chemistry Laboratory I; (2) REG/P-F/AUD. *Corequisite: CHEM 481.* Students must pay a $40.00 Laboratory Materials fee.
0114 **(08507)** Rebbert, R.
M 2:00pm-5:00pm (Arranged) Lab
M 1:00pm-1:50pm (CHM 1402) Dis
0124 **(08508)** Rebbert, R.
Tu 2:00pm-5:00pm (Arranged) Lab
Tu 12:30pm-1:20pm (CHM 1402) Dis
0134 **(08509)** Rebbert, R.
W 2:00pm-5:00pm (Arranged) Lab
W 1:00pm-1:50pm (CHM 1402) Dis
0144 **(08510)** Rebbert, R.
Th 2:00pm-5:00pm (Arranged) Lab
Th 12:30pm-1:20pm (CHM 1402) Dis

CHEM484 Physical Chemistry Laboratory II; (2) REG/P-F/AUD. *Prerequisite: CHEM 481 and CHEM 483. Corequisite: CHEM 482.* Students must pay a $40.00 Laboratory Materials fee.
0124 **(08520)** Rebbert, R.
Tu 2:00pm-5:00pm (Arranged) Lab
Tu 12:30pm-1:20pm (CHM 2201) Dis
0134 **(08521)** Rebbert, R.
W 2:00pm-5:00pm (Arranged) Lab
W 1:00pm-1:50pm (CHM 2201) Dis

CHEM492 Advanced Inorganic Chemistry Laboratory; (3) REG/P-F/AUD. CORE: CS *Corequisite: CHEM 401.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(08531)** Grim, S.
Tu 11:00am-11:50am (CHM 0124)
TuTh 12:30pm-4:30pm (CHM 1228) Lab

CHEM498A Special Topics in Chemistry: Computer Interfacing in Chemistry; (3) REG/P-F/AUD.
0101 **(08541)** O'Haver, T.
TuTh 9:30am-10:20am (CHM 0124)
Time and room to be arranged Lab

CHEM498B Special Topics in Chemistry: The Periodic Table D and F Block Elements; (3) REG/P-F/AUD.
0101 **(08551)** Boyd, A.
MWF 9:00am-9:50am (CHM 0124)

CHEM601 Advanced Inorganic Chemistry I; (3) REG/AUD. *Prerequisite: CHEM 401 or equivalent.*
0101 **(08561)** Evans, D.
MWF 10:00am-10:50am (CHM 2201)

CHEM624 Electrical Methods of Quantitative Analysis; (3) REG/AUD. *Prerequisites: CHEM 421 and CHEM 482 or equivalent.*
0101 **(08572)** Steel, A.
MWF 2:00pm-2:50pm (CHM 0128)

CHEM640 Problems in Organic Reaction Mechanisms; (1) REG/AUD.
0101 **(08591)** Falvey, D.
F 12:00pm-12:50pm (CHM 2201)

CHEM641 Organic Reaction Mechanisms; (3) REG/AUD.
0101 **(08601)** Isaacs, L.
MWF 8:00am-8:50am (CHM 2201)

CHEM648C Special Topics in Organic Chemistry: Advanced NMR Spectroscopy; (3) REG/AUD.
0101 **(08611)** Von Philipsborn, W.
Time and room to be arranged

CHEM648D Special Topics in Organic Chemistry: Organometallic Chemistry; (3) REG/AUD.
0101 **(08621)** Morehead, A.
Time and room to be arranged

CHEM648X Special Topics in Organic Chemistry: Library Research; (1) REG/AUD.
0101 **(08631)** Falvey, D.
Th 12:30pm-1:20pm (CHM 2201)

CHEM684 Chemical Thermodynamics; (3) REG/AUD. *Prerequisite: CHEM 482 or equivalent.*
0101 **(08641)** Alexander, M.
TuTh 9:30am-10:45am (CHM 0128)

CHEM690 Quantum Chemistry I; (3) REG/AUD. *Prerequisite: CHEM 485.*
0101 **(08651)** Walker, R.
MWF 12:00pm-12:50pm (CHM 0124)

CHEM699 Special Problems in Chemistry; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates.

CHEM701 Teaching Chemistry; (1) S-F. *For LFSC graduate students only.*
0101 **(08703)** Hammond, R.
Tu 11:00am-11:50am (Arranged)
0102 **(08704)** Hammond, R.
F 3:00pm-3:50pm (Arranged)

CHEM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

CHEM898A Seminar; (1) REG/AUD.
0101 **(08755)** STAFF
F 3:00pm-5:00pm (CHM 0128)

CHEM898C Seminar: Inorganic; (1) REG/AUD.
0101 **(08765)** STAFF
Tu 2:00pm-2:50pm (CHM 0128)

CHEM898D Seminar: Organic; (1) REG/AUD.
0101 **(08775)** Falvey, D.
Th 11:00am-12:30pm (CHM 0127)

CHEM898E Seminar: Physical Chemistry; (1) REG/AUD.
0101 **(08785)** STAFF
W 4:00pm-6:00pm (CHM 0127)

CHEM898F Seminar: Chemical Physics; (1) REG/AUD.
0101 **(08795)** STAFF
W 4:00pm-6:00pm (CHM 0127)

CHEM898G Seminar: Physical Organic; (1) REG/AUD.
0101 **(08805)** Falvey, D.
Time and room to be arranged

CHEM898J Seminar: Natural Products; (1) REG/AUD.
0101 **(08815)** Jarvis, B.
Time and room to be arranged

CHEM898M Seminar: Materials Chemistry; (1) REG/AUD.
0101 **(08825)** Eichhorn, B.
Time and room to be arranged

CHEM898N Seminar: Phosphorus Chemistry; (1) REG/AUD.
0101 **(08835)** Grim, S.
Time and room to be arranged

CHEM898O Seminar: Natural Water; (1) REG/AUD.
0101 **(08845)** Helz, G.
Time and room to be arranged

CHEM898P Seminar: Structure and Reactivity of Biopolymers; (1) REG/AUD.
0101 **(08855)** Rokita, S.
Time and room to be arranged

CHEM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

CHIN Chinese
(Arts and Humanities)

Non-Majors: please refer to the Foreign Language Placement Section of the Schedule of Classes.

CHIN101 *(PermReq)* **Intensive Elementary Chinese I; (6)** REG/P-F/AUD. *Non-majors admitted only after a placement interview.*
0101 **(08966)** STAFF
MWF 9:00am-9:50am (JMZ 0122)
MWF 10:00am-10:50am (JMZ 0122) Dis
0102 **(08967)** STAFF
MWF 9:00am-9:50am (JMZ 0122)
MWF 10:00am-10:50am (JMZ 3203) Dis
0201 **(08968)** Brown, W.
MWF 1:00pm-1:50pm (JMZ 0122)
MWF 2:00pm-2:50pm (JMZ 0122) Dis
0202 **(08969)** Brown, W.
MWF 1:00pm-1:50pm (JMZ 0122)
MWF 2:00pm-2:50pm (JMZ 0120) Dis

CHIN105 *(PermReq)* **Elementary Chinese - Accelerated Track; (3)** REG/P-F/AUD. *Prerequisite: permission of department. Not open to students who have completed CHIN 101, CHIN 102, or CHIN 103.*
0101 **(08979)** STAFF
MWF 10:00am-10:50am (JMZ 0120)

CHIN201 *(PermReq)* **Intermediate Spoken Chinese I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 102 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(08989)** STAFF
MWF 2:00pm-2:50pm (JMZ 1109)

CHIN202 *(PermReq)* **Intermediate Written Chinese I; (3)** REG/P-F/AUD. CORE: HO *Prerequisite: CHIN 103 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(08999)** McGinnis, S.
MWF 1:00pm-1:50pm (JMZ 0120)

CHIN301 *(PermReq)* **Advanced Chinese I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 202 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(09009)** Shen, H.
MWF 11:00am-11:50am (JMZ 0122)

CHIN303 *(PermReq)* **Business Chinese I; (3)** REG. *Prerequisites: CHIN 203; and CHIN 204 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(09019)** Shen, H.
MWF 2:00pm-2:50pm (JMZ 1104)

CHIN305 *(PermReq)* **Life in China through TV Plays I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 203, CHIN 204 or permission of department.*
0101 **(09020)** STAFF
MWF 3:00pm-3:50pm (JMZ 2206)

CHIN314 Chinese Fiction and Drama in Translation; (3) REG/P-F/AUD.
0101 **(09039)** Brown, W.
MWF 12:00pm-12:50pm (JMZ 0120)

CHIN401 *(PermReq)* **Readings in Modern Chinese I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 302 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(09049)** Shen, H.
MWF 10:00am-10:50am (JMZ 1109)

CHIN405 *(PermReq)* **Advanced Conversation and Composition; (3)** REG/P-F/AUD. *Prerequisite: CHIN 302 or permission of instructor. Non-majors admitted only after a placement interview.*
0101 **(09059)** Shen, H.
MWF 1:00pm-1:50pm (JMZ 1103)

CHIN422 Advanced Chinese Grammar; (3) REG/P-F/AUD.
0101 **(09069)** McGinnis, S.
MWF 9:00am-9:50am (JMZ 1124)

CHIN431 *(PermReq)* **Translation and Interpretation I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 302 or equivalent and permission of department.*
0101 **(09079)** Brown, W.
MWF 11:00am-11:50am (JMZ 1123)

CHIN442 *(PermReq)* **Modern Chinese Fiction; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(09080)** STAFF
MWF 3:00pm-3:50pm (JMZ 1215)

CHIN499 *(PermReq)* **Directed Study in Chinese; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CHPH Chemical Physics
(Computer, Mathematical and Physical Sciences)

CHPH709A Seminar in Chemical Physics: Physical Chemistry; (1) REG/AUD.
0101 **(09143)** STAFF
W 4:00pm-6:00pm (CHM 0127)

CHPH709B Seminar in Chemical Physics: Statistical Physics Seminar; (1) REG/AUD.
0101 **(09153)** STAFF
Tu 1:15pm-2:30pm (IPT 1116)

CHPH709C Seminar in Chemical Physics: Optical Interactions with Atoms, Molecules, and Plasmas; (1) REG/AUD.
0101 **(09163)** Hill, W.
Th 4:00pm-5:15pm (IPT 1116)

CHPH718A Special Topics in Chemical Physics: Current Topics in Surface Physics; (2) REG/AUD.
0101 **(09173)** Williams, E.
M 12:00pm-1:00pm (PHY 2120)
F 3:00pm-5:00pm (PHY 1402)

CHPH718B Special Topics in Chemical Physics: Fundamentals of Atomic, Molecular, and Optical Interactions II; (3) REG/AUD.
0101 **(09183)** Hill, W.
WF 9:30am-10:45am (MTH B0431)

CHPH718P Special Topics in Chemical Physics: Bose-Einstein Condensations: Recent Perpsectives; (3) REG.
0101 **(09193)** Clark, C.
W 9:30am-11:10am (PHY 1304)

CHPH718Q Special Topics in Chemical Physics: Origin of Solar System; (2) REG.
0101 **(09203)** STAFF
M 10:00am-11:40am (PLS 1164)

CHPH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CHPH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CLAS Classics
(Arts and Humanities)

CLAS170 Greek and Roman Mythology; (3) REG/P-F/AUD. CORE: HL Taught in English.
0101 **(09291)** Lee, H.
MW 10:00am-10:50am (MMH 1400)
F 10:00am-10:50am (ZOP 2283) Dis
0102 **(09292)** Lee, H.
MW 10:00am-10:50am (MMH 1400)
Th 10:00am-10:50am (ARM 0118) Dis
0103 **(09293)** Lee, H.
MW 10:00am-10:50am (MMH 1400)
Th 11:00am-11:50am (HJP 1229) Dis
0104 **(09294)** Lee, H.
MW 10:00am-10:50am (MMH 1400)
Th 12:00pm-12:50pm (ARM 0103) Dis
0105 **(09295)** Lee, H.
MW 10:00am-10:50am (MMH 1400)
Th 1:00pm-1:50pm (JMZ 1122) Dis
0106 **(09296)** Lee, H.
MW 10:00am-10:50am (MMH 1400)
F 10:00am-10:50am (SYM 1308) Dis
0107 **(09297)** Lee, H.
MW 10:00am-10:50am (MMH 1400)
F 10:00am-10:50am (SKN 0104) Dis
0108 **(09298)** Lee, H.
MW 10:00am-10:50am (MMH 1400)
F 12:00pm-12:50pm (WDS 0104) Dis
0201 **(09299)** Lee, H.
MW 11:00am-11:50am (MMH 1400)
F 11:00am-11:50am (ARM 0121) Dis
0202 **(09300)** Lee, H.
MW 11:00am-11:50am (MMH 1400)
Th 10:00am-10:50am (HJP 1229) Dis
0203 **(09301)** Lee, H.
MW 11:00am-11:50am (MMH 1400)
Th 11:00am-11:50am (ARM 0119) Dis
0204 **(09302)** Lee, H.
MW 11:00am-11:50am (MMH 1400)
F 9:00am-9:50am (ARM 0120) Dis
0205 **(09303)** Lee, H.
MW 11:00am-11:50am (MMH 1400)
Th 9:00am-9:50am (MMH 0108) Dis
0206 **(09304)** Lee, H.
MW 11:00am-11:50am (MMH 1400)
F 11:00am-11:50am (SKN 1115) Dis
0207 **(09305)** Lee, H.
MW 11:00am-11:50am (MMH 1400)
Th 12:00pm-12:50pm (HJP 1229) Dis

CLAS170+ Greek and Roman Mythology; (3) REG/P-F/AUD. CORE: HL Restricted to students in a First Year Focus Cluster.
0204 **(09306)** Lee, H.
MW 11:00am-11:50am (MMH 1400)
F 9:00am-9:50am (ARM 0120) Dis

CLAS270 Greek Literature in Translation; (3) REG/P-F/AUD. CORE: HL
0101 **(09315)** Stehle, E.
MW 12:00pm-12:50pm (KEY 0102)
F 10:00am-10:50am (MMH 0108) Dis
0102 **(09316)** Stehle, E.
MW 12:00pm-12:50pm (KEY 0102)
F 12:00pm-12:50pm (MMH 0108) Dis
0103 **(09317)** Stehle, E.
MW 12:00pm-12:50pm (KEY 0102)
F 1:00pm-1:50pm (MMH 3418) Dis

CLAS375 Ancient Comedy; (3) REG/P-F/AUD.
0101 **(09327)** Doherty, L.
MWF 11:00am-11:50am (MMH 0108)

CLAS499 Independent Study in Classical Languages and Literatures; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CLAS699 *(PermReq)* **Independent Study in Classical Civilization; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CLAS799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

CLUS Clusters
(Undergraduate Studies)

CLUS001 Body and Mind I; (No credit) NGI. Restricted to students in a First Year Focus Cluster. Prerequisite: MATH 110 placement.
0101 **(09354)** STAFF
Time and room to be arranged

CLUS002 Body and Mind II; (No credit) NGI. Restricted to students in a First Year Focus Cluster. Prerequisite: MATH 110 placement.
0101 **(09355)** STAFF
Time and room to be arranged

CLUS003 Public Orders and Private Values; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09356)** STAFF
Time and room to be arranged

CLUS004 Play of Life I; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09357)** STAFF
Time and room to be arranged

CLUS005 Play of Life II; (No credit) NGI. Restricted for students in a First Year Focus Cluster.
0101 **(09358)** STAFF
Time and room to be arranged

CLUS006 Justice for All?; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09359)** STAFF
Time and room to be arranged

CLUS007 Gender and Culture; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09360)** STAFF
Time and room to be arranged

CLUS008 Common Ground; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09361)** STAFF
Time and room to be arranged

CLUS009 The Moral Machines; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09362)** STAFF
Time and room to be arranged

CLUS010 The Built Environment; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09363)** STAFF
Time and room to be arranged

CLUS011 The Heavens in Mythology and Science; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09364)** STAFF
Time and room to be arranged

CLUS012 Rhetorical Questions; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09365)** STAFF
Time and room to be arranged

CLUS013 Film and New Technologies; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09366)** STAFF
Time and room to be arranged

CLUS014 Sound, Culture, and Music; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09367)** STAFF
Time and room to be arranged

CLUS015 Morality in the Contemporary World; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09368)** STAFF
Time and room to be arranged

CLUS020 Engineering Design; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09369)** STAFF
Time and room to be arranged

CLUS021 Engineering Design; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09370)** STAFF
Time and room to be arranged

CLUS022 Engineering Orientation; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09371)** STAFF
Time and room to be arranged

CLUS023 Education Orientation; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09372)** STAFF
Time and room to be arranged

CLUS024 Education Orientation; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09373)** STAFF
Time and room to be arranged

CLUS025 Education Orientation; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09374)** STAFF
Time and room to be arranged

CLUS026 Expressions of the Mind; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09375)** STAFF
Time and room to be arranged

CLUS028 Computer, Mathematical, and Physical Sciences Cluster 1; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09378)** STAFF
Time and room to be arranged

CLUS029 Computer, Mathematical, and Physical Sciences Cluster 2; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09379)** STAFF
Time and room to be arranged

CLUS030 Computer, Mathematical, and Physical Sciences Cluster 3; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09380)** STAFF
Time and room to be arranged

CLUS031 Computer, Mathematical, and Physical Sciences Cluster 4; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09381)** STAFF
Time and room to be arranged

CLUS032 Computer, Mathematical, and Physical Sciences Cluster 5; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09382)** STAFF
Time and room to be arranged

CLUS033 Computer, Mathematical, and Physical Sciences Cluster 6; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09383)** STAFF
Time and room to be arranged

CLUS034 Computer, Mathematical, and Physical Sciences Cluster 7; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09384)** STAFF
Time and room to be arranged

CLUS035 Computer, Mathematical, and Physical Sciences Cluster 8; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09385)** STAFF
Time and room to be arranged

CLUS040 Public and Private Consciousness; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09376)** STAFF
Time and room to be arranged

CLUS041 Public Communications; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09377)** STAFF
Time and room to be arranged

CLUS050 Markets and Society 1; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09386)** STAFF
Time and room to be arranged

CLUS051 Markets and Society 2; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09387)** STAFF
Time and room to be arranged

CLUS052 Markets and Society 3; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09388)** STAFF
Time and room to be arranged

CLUS053 Markets and Society 4; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09389)** STAFE
Time and room to be arranged

CLUS054 Markets and Society 5; (No credit) NGI. Restricted to students in a First Year Focus Cluster.
0101 **(09390)** STAFF
Time and room to be arranged

CMLT Comparative Literature
(Arts and Humanities)

CMLT214 Film Form and Culture; (3) REG/P-F/AUD. CORE: HA
0101 **(09403)** STAFF
MW 1:00pm-3:00pm (SQH 1120)
F 10:00am-10:50am (SQH 1123) Dis
0102 **(09404)** STAFF
MW 1:00pm-3:00pm (SQH 1120)
F 11:00am-11:50am (SQH 1103) Dis
0103 **(09405)** STAFF
MW 1:00pm-3:00pm (SQH 1120)
F 1:00pm-1:50pm (SQH 1119) Dis
0104 **(09406)** STAFF
MW 1:00pm-3:00pm (SQH 1120)
F 2:00pm-2:50pm (SQH 2120) Dis

CMLT214+ Film Form and Culture; (3) REG/P-F/AUD. CORE: HA Restricted to students in a First Year Focus Cluster.
0104 **(09407)** STAFF
MW 1:00pm-3:00pm (SQH 1120)
F 2:00pm-2:50pm (SQH 2120) Dis

CMLT235 Introduction to the Literatures of the African Diaspora; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Credit will be granted for only one of the following: CMLT 235 or ENGL 235.*
0101 **(09416)** Parker, M.
TuTh 2:00pm-3:15pm (SQH 1117)

CMLT270 Global Literature and Social Change; (3) REG. CORE: HL DIVERSITY
0101 **(09426)** Zhu, A.
MW 12:30pm-1:45pm (DNC 1143)
0201 **(09427)** Zhu, A.
MW 2:00pm-3:15pm (HBK 1108)
0301 **(09428)** Prime, M.
TuTh 11:00am-12:15pm (HBK 1108)
0401 **(09429)** Moriel, L.
TuTh 12:30pm-1:45pm (SQH 1103)
0501 **(09430)** Prime, M.
TuTh 9:30am-10:45am (ARM 0117)
0601 **(09431)** Moriel, L.
TuTh 2:00pm-3:15pm (DNC 1139B)

CMLT275 World Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as WMST 275. Credit will be granted for only one of the following: CMLT 275 or WMST 275.*
0101 **(09441)** Wallace, B.
MW 9:30am-10:45am (ARC 1101)
0201 **(09442)** Wallace, B.
MW 2:00pm-3:15pm (SQH 2121)
0301 **(09443)** Shah, M.
TuTh 11:00am-12:15pm (WDS 1127)
0401 **(09444)** Shah, M.
TuTh 3:30pm-4:45pm (WDS 1131)

CMLT277 Literatures of the Americas; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(09454)** Voloshen, L.
MW 2:00pm-3:15pm (KEY 0123)

CMLT280 Film Art in a Global Society; (3) REG/P-F/AUD. CORE: HA DIVERSITY *Prerequisite: CMLT 214 or equivalent.*
0101 **(09464)** Cieply, S.
TuTh 11:00am-12:15pm (SQH 1103)
M 6:30pm-9:00pm (SQH 1120) Lab
0201 **(09465)** Cieply, S.
TuTh 2:00pm-3:15pm (SQH 1101)
M 6:30pm-9:00pm (SQH 1120) Lab
0301 **(09466)** Aurand, B.
MW 2:00pm-3:15pm (SQH 2120)
M 6:30pm-9:00pm (SQH 1120) Lab

CMLT386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

CMLT488G *(PermReq)* **Genres: Screenwriting I; (3)** REG/P-F/AUD.
0201 **(09488)** Lifton, M.
Tu 3:30pm-6:30pm (SQH 2119)
0301 **(09489)** Lifton, M.
Th 3:30pm-6:30pm (SQH 2119)

CMLT488L Genres: Advertising and Global Culture; (3) REG/P-F/AUD.
0101 **(09497)** Robinson, E.
TuTh 1:00pm-2:15pm (PLS 1117)

CMLT498C Selected Topics in Comparative Studies: Virginia Woolf in Comparative Context; (3) REG/P-F/AUD.
0101 **(09507)** Fuegi, J.
Tu 1:00pm-4:00pm (JMZ 1117)

CMLT498F Selected Topics in Comparative Studies: French Cinema: A Cultural Approach (in Translation): Afro-Caribbean Cinema; (3) REG/P-F/AUD.
0101 **(51795)** Frindethie, M.
MWF 2:00pm-2:50pm (JMZ 2123)

CMLT498G Selected Topics in Comparative Studies: Digital Narrative; (3) REG/P-F/AUD. Students who have taken "Digital Strategies" (CMLT 498G) are not permitted in "Digital Narrative" (CMLT 498G).
0101 **(09527)** Lifton, M.
TuTh 9:30am-10:45am (CSS 1410)

CMLT498L Selected Topics in Comparative Studies: Latin American Cinema; (3) REG/P-F/AUD.
0101 **(09537)** Robinson, E.
TuTh 9:30am-10:45am (SQH 1120)

CMLT498S Selected Topics in Comparative Studies: The Computer and the Text: Multimedia as Critical Expression; (3) REG/P-F/AUD.
0101 **(09547)** Kolker, R.
MW 2:00pm-3:15pm (CSS 1410)

CMLT600 *(PermReq)* **Introduction to Critical Theory; (3)** REG/AUD. *Prerequisite: permission of department.* Course offered in the fall semester only.
0101 **(09557)** Conroy, M.
M 3:30pm-6:00pm (SQH 1117)

CMLT679B *(PermReq)* **Topics in Comparative Studies: Re-Membering the Americas; (3)** REG/AUD.
0101 **(09558)** Bell, V.
W 6:30pm-9:00pm (SQH 2123)

CMLT679C Topics in Comparative Studies: Lord Byron and Family: An Historical Overview; (3) REG/AUD.
0101 **(09567)** Fuegi, J.
M 6:30pm-9:00pm (SQH 2120)

CMLT679G Topics in Comparative Studies: Political Theory; (3) REG/AUD.
0101 **(09597)** Butterworth, C.
Th 3:30pm-6:15pm (TYD 1111)

CMLT679P Topics in Comparative Studies: 20th Century Francophone Thought; (3) REG/AUD.
0101 **(51796)** Frindethie, M.
W 4:00pm-6:30pm (JMZ 3120)

CMLT699 *(PermReq)* **Independent Study; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CMLT701 Paradigms of Theory; (3) REG. *Prerequisite: an introductory course in critical theory.*
0101 **(09635)** Wang, O.
W 3:30pm-6:00pm (SQH 4116)

CMLT788A Practicum in Comparative Studies: Teaching Practicum; (1) S-F.
0101 **(09645)** STAFF
Time and room to be arranged

CMLT798 *(PermReq)* **Critical Theory Colloquium; (1)** S-F.
0101 **(09655)** Wang, O.
M 3:00pm-5:30pm (SQH 1123)

CMLT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

CMLT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

CMSC Computer Science
(Computer, Mathematical and Physical Sciences)

CMSC102 Introduction to Information Technology; (3) REG/P-F/AUD. *For non-majors only. Not open to students who have completed CMSC 113 or CMSC 214. Credit will be granted for only one of the following: CMSC 102 or CMSC 214 or CMSC 113. (If CMSC 102 is taken before (CMSC 214 or CMSC 113), then credit will be granted for both).*
0101 **(09759)** Golub, E.
TuTh 12:30pm-1:45pm (JMP 3201)
0201 **(09760)** Golub, E.
TuTh 2:00pm-3:15pm (JMP 3201)
0301 **(09761)** Golub, E.
TuTh 3:30pm-4:45pm (JMP 3201)

CMSC102+ Introduction to Information Technology; (3) REG/P-F/AUD. *For non-majors only. Not open to students who have completed CMSC 113 or CMSC 214. Credit will be granted for only one of the following: CMSC 102 or CMSC 214 or CMSC 113. (If CMSC 102 is taken before (CMSC 214 or CMSC 113), then credit will be granted for both).* Restricted to students in a First Year Focus Cluster.
0301 **(09762)** Golub, E.
TuTh 3:30pm-4:45pm (JMP 3201)

CMSC106 Introduction to C Programming; (4) REG/P-F/AUD. *Prerequisite: MATH 110. Not applicable to the major requirements in computer science. Credit will be granted for CMSC 106 if students already have credit for either CMSC 113 or CMSC 114. Not open to students who have completed CMSC 113 or CMSC 114.*
0101 **(09771)** Plane, J.
MWF 9:00am-9:50am (JMP 3201)
MW 3:00pm-3:50pm (CLB 0109) Lab
0102 **(09772)** Plane, J.
MWF 9:00am-9:50am (JMP 3201)
MW 4:00pm-4:50pm (CLB 0109) Lab
0201 **(09773)** Plane, J.
MWF 10:00am-10:50am (JMP 3201)
MW 3:00pm-3:50pm (CSS 2330) Lab
0202 **(09774)** Plane, J.
MWF 10:00am-10:50am (JMP 3201)
MW 4:00pm-4:50pm (CSS 2330) Lab
0301 **(09775)** Plane, J.
MWF 11:00am-11:50am (JMP 3201)
MW 3:00pm-3:50pm (CSS 2352) Lab
0302 **(09776)** Plane, J.
MWF 11:00am-11:50am (JMP 3201)
MW 4:00pm-4:50pm (CSS 2352) Lab
0401 **(09777)** Herman, L.
MWF 2:00pm-2:50pm (CLB 0102)
MW 3:00pm-3:50pm (CLB 0102) Lab
0402 **(09778)** Herman, L.
MWF 2:00pm-2:50pm (CLB 0102)
MW 4:00pm-4:50pm (CLB 0102) Lab
0501 **(09779)** Padua-Perez, N.
MWF 12:00pm-12:50pm (CLB 0111)
MW 3:00pm-3:50pm (CHM 0128) Lab
0502 **(09780)** Padua-Perez, N.
MWF 12:00pm-12:50pm (CLB 0111)
MW 4:00pm-4:50pm (CHM 0128) Lab
0601 **(09781)** Padua-Perez, N.
MWF 1:00pm-1:50pm (CLB 0111)
MW 3:00pm-3:50pm (CHM 2201) Lab
0602 **(09782)** Padua-Perez, N.
MWF 1:00pm-1:50pm (CLB 0111)
MW 4:00pm-4:50pm (CHM 2201) Lab
0701 **(09783)** Padua-Perez, N.
MWF 2:00pm-2:50pm (CLB 0111)
MW 3:00pm-3:50pm (MCB 1207) Lab
0702 **(09784)** Padua-Perez, N.
MWF 2:00pm-2:50pm (CLB 0111)
MW 4:00pm-4:50pm (MCB 1207) Lab

CMSC106+ Introduction to C Programming; (4) REG/P-F/AUD. *Prerequisite: MATH 110. Not applicable to the major requirements in computer science. Credit will not be granted for CMSC 106 if students already have credit for either CMSC 113 or CMSC 114. Not open to students who have completed CMSC 113 or CMSC 114.*
0101 **(09786)** Plane, J.
MWF 9:00am-9:50am (JMP 3201)
MW 3:00pm-3:50pm (CLB 0109) Lab
0401 **(09787)** Herman, L.
MWF 2:00pm-2:50pm (CLB 0102)
MW 3:00pm-3:50pm (CLB 0102) Lab
0402 **(09788)** Herman, L.
MWF 2:00pm-2:50pm (CLB 0102)
MW 4:00pm-4:50pm (CLB 0102) Lab
0502 **(09785)** Padua-Perez, N.
MWF 12:00pm-12:50pm (CLB 0111)
MW 4:00pm-4:50pm (CHM 0128) Lab

CMSC114 Computer Science I; (4) REG/P-F/AUD. *Prerequisite: (CMSC 105 or CMSC 106) with a grade of C or better or score of 4 or 5 on Pascal AP exam or permission of department based on satisfactory performance on the department's placement exams. Corequisite: MATH 140. Credit will be granted for only one of the following: CMSC 114 or CMSC 113.*
0101 **(09794)** Glenn, J.
MWF 1:00pm-1:50pm (JMP 3201)
MW 9:00am-9:50am (CLB 0109) Lab
0102 **(09795)** Glenn, J.
MWF 1:00pm-1:50pm (JMP 3201)
MW 10:00am-10:50am (CLB 0109) Lab
0301 **(09796)** Glenn, J.
MWF 12:00pm-12:50pm (JMP 3201)
MW 9:00am-9:50am (CSS 2352) Lab
0302 **(09797)** Glenn, J.
MWF 12:00pm-12:50pm (JMP 3201)
MW 10:00am-10:50am (CSS 2352) Lab
0401 **(09798)** Fontana, M.
TuTh 9:30am-10:45am (JMP 3201)
MW 9:00am-9:50am (CSS 2330) Lab
0402 **(09799)** Fontana, M.
TuTh 9:30am-10:45am (JMP 3201)
MW 10:00am-10:50am (CSS 2330) Lab
0501 **(09800)** Fontana, M.
TuTh 11:00am-12:15pm (CLB 0111)
MW 9:00am-9:50am (MCB 1207) Lab
0502 **(09801)** Fontana, M.
TuTh 11:00am-12:15pm (CLB 0111)
MW 10:00am-10:50am (MCB 1207) Lab
0601 **(09802)** Fontana, M.
TuTh 12:30pm-1:45pm (CLB 0111)
MW 9:00am-9:50am (CSS 2428) Lab

0602 **(09803)** Fontana, M.
TuTh 12:30pm-1:45pm (CLB 0111)
MW 10:00am-10:50am (CSS 2428) Lab

CMSC150 Introduction to Discrete Structures; (4) REG/P-F/AUD. CORE: MS *Pre- or corequisite: MATH 140. Formerly CMSC 250.* All sections of CMSC 150 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam.
0101 **(09813)** Smith, C.
MWF 10:00am-10:50am (CLB 0111)
MW 11:00am-11:50am (CLB 0102) Dis
0102 **(09814)** Smith, C.
MWF 10:00am-10:50am (CLB 0111)
MW 12:00pm-12:50pm (CLB 0102) Dis
0103 **(09815)** Smith, C.
MWF 10:00am-10:50am (CLB 0111)
MW 1:00pm-1:50pm (CLB 0102) Dis
0201 **(09816)** Smith, C.
MWF 3:00pm-3:50pm (CLB 0111)
MW 11:00am-11:50am (CSS 2330) Dis
0202 **(09817)** Smith, C.
MWF 3:00pm-3:50pm (CLB 0111)
MW 12:00pm-12:50pm (CSS 2330) Dis
0203 **(09818)** Smith, C.
MWF 3:00pm-3:50pm (CLB 0111)
MW 1:00pm-1:50pm (CSS 2330) Dis
0301 **(09819)** Glenn, J.
MWF 2:00pm-2:50pm (JMP 3201)
MW 11:00am-11:50am (CSS 2352) Dis
0302 **(09820)** Glenn, J.
MWF 2:00pm-2:50pm (JMP 3201)
MW 12:00pm-12:50pm (CSS 2352) Dis
0303 **(09821)** Glenn, J.
MWF 2:00pm-2:50pm (JMP 3201)
MW 1:00pm-1:50pm (CSS 2352) Dis

CMSC214 Computer Science II; (4) REG/P-F/AUD. *Prerequisites: CMSC 114 with a grade of C or better or score of 4 or 5 on C++ AP exam or permission of department based on satisfactory performance on the department's placement exam; and CMSC 150 with a grade of C or better or an acceptable score on the department's CMSC 150 exemption exam. Corequisite: MATH 141. Credit will be granted for only one of the following: CMSC 214 or CMSC 113.*
0101 **(09831)** Kaye, G.
TuTh 9:30am-10:45am (CSS 1113)
MW 1:00pm-1:50pm (CLB 0109) Lab
0102 **(09832)** Kaye, G.
TuTh 9:30am-10:45am (CSS 1113)
MW 2:00pm-2:50pm (CLB 0109) Lab
0201 **(09833)** Herman, L.
MWF 9:00am-9:50am (CLB 0102)
MW 1:00pm-1:50pm (CSS 2428) Lab
0202 **(09834)** Herman, L.
MWF 9:00am-9:50am (CLB 0102)
MW 2:00pm-2:50pm (CSS 2428) Lab
0301 **(09835)** Herman, L.
MWF 10:00am-10:50am (CLB 0102)
MW 1:00pm-1:50pm (MCB 1207) Lab
0302 **(09836)** Herman, L.
MWF 10:00am-10:50am (CLB 0102)
MW 2:00pm-2:50pm (MCB 1207) Lab

CMSC251 Algorithms; (3) REG/P-F/AUD. *Prerequisites: (CMSC 112 or CMSC 114) with a grade of C or better; CMSC 150 with a grade of C or better; and MATH 140.*
0101 **(09846)** Kruskal, C.
TuTh 11:00am-12:15pm (JMP 3201)
0201 **(09847)** Perlis, D.
TuTh 2:00pm-3:15pm (CHM 1402)

CMSC311 *(PermReq)* **Computer Organization; (3)** REG/P-F/AUD. *Prerequisite: (CMSC 113 or CMSC 214) with a grade of C or better.*
0101 **(09856)** Hugue, M.
TuTh 2:00pm-3:15pm (CLB 0111)

CMSC330 *(PermReq)* **Organization of Programming Languages; (3)** REG/P-F/AUD. *Prerequisite: (CMSC 113 or CMSC 214) with a grade of C or better.*
0101 **(09866)** Zelkowitz, M.
MW 11:00am-11:50am (CLB 0111)
MW 3:00pm-3:50pm (CSS 1113) Dis
0102 **(09867)** Zelkowitz, M.
MW 11:00am-11:50am (CLB 0111)
MW 4:00pm-4:50pm (CSS 1113) Dis
0103 **(09868)** Zelkowitz, M.
MW 11:00am-11:50am (CLB 0111)
MW 3:00pm-3:50pm (CSS 2416) Lab
0104 **(09869)** Zelkowitz, M.
MW 11:00am-11:50am (CLB 0111)
MW 4:00pm-4:50pm (CSS 2416) Lab

CMSC386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.* Prerequisite: written permission of department must be obtained in advance on departmental form.

CMSC390 *(PermReq)* **Honors Paper; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to CMSC Honors Program.*

CMSC411 Computer Systems Architecture; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 311 and CMSC 330; or CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(09965)** Stewart, G.
TuTh 2:00pm-3:15pm (CSS 2428)
0201 **(09966)** Hugue, M.
TuTh 3:30pm-4:45pm (CLB 0111)

CMSC412 Operating Systems; (4) REG/P-F/AUD. CORE: CS *Prerequisites: (a grade of C or better in (CMSC 311 or ENEE 350) and a grade of C or better in CMSC 330) or a grade of C or better in CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(09976)** Shankar, A.
TuTh 11:00am-12:15pm (CSS 2352)
MW 11:00am-11:50am (CLB 0109) Lab
0102 **(09977)** Shankar, A.
TuTh 11:00am-12:15pm (CSS 2352)
MW 12:00pm-12:50pm (CLB 0109) Lab

CMSC417 Computer Networks; (3) REG/P-F/AUD. *Prerequisites: CMSC 311 with a grade of C or better and CMSC 330 with a grade of C or better.*
0101 **(09987)** Agrawala, A.
TuTh 12:30pm-1:45pm (CSS 2330)

CMSC420 Data Structures; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 330 or CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(09999)** Davis, L.
TuTh 12:30pm-1:45pm (CLB 0102)
0201 **(10000)** Shapiro, B.
Tu 6:30pm-9:00pm (CLB 0102)
0301 **(10001)** STAFF
TuTh 3:30pm-4:45pm (CSS 2330)

CMSC421 Introduction to Artificial Intelligence; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 251 and CMSC 330; and permission of department; or CMSC graduate student. Recommended: CMSC 420.*
0101 **(10011)** Nau, D.
TuTh 2:00pm-3:15pm (CSS 2352)

CMSC424 Database Design; (3) REG/P-F/AUD. CORE: CS *Prerequisite: CMSC 420 with a grade of C or better; and permission of department; or CMSC graduate student. Recommended: CMSC 450.*
0101 **(10021)** Roussopoulos, N.
MW 11:00am-12:15pm (CSS 1113)
0201 **(10022)** Saltz, J.
TuTh 3:30pm-4:45pm (CLB 0102)
0301 **(10023)** Faloutsos, C.
TuTh 2:00pm-3:15pm (CSS 2330)

CMSC430 Theory of Language Translation; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 330 or CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(10033)** Tseng, C.
TuTh 11:00am-12:15pm (CSS 2330)

CMSC435 Software Engineering; (3) REG/P-F/AUD. CORE: CS *Prerequisites: CMSC 420 with a grade of C or better; and permission of department; or CMSC graduate student.*
0101 **(10043)** Basili, V.
TuTh 9:30am-10:45am (CLB 0102)
0201 **(10044)** Bederson, B.
TuTh 2:00pm-3:15pm (CLB 0102)

CMSC450 Logic for Computer Science; (3) REG/P-F/AUD. *Prerequisites: (CMSC 251 and MATH 141) with grade of C or better and permission of department; or CMSC graduate student. Also offered as MATH 450. Credit will be granted for only one of the following: MATH 445 or CMSC 450/MATH 450.*
0101 **(10054)** Lopez-Escobar, E.
MWF 10:00am-10:50am (MTH 0411)

CMSC451 Design and Analysis of Computer Algorithms; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in (CMSC 113 or CMSC 214) and a grade of C or better in CMSC 251; and permission of department.*
0101 **(10064)** Mount, D.
TuTh 11:00am-12:15pm (CLB 0102)

CMSC452 Elementary Theory of Computation; (3) REG/P-F/AUD. *Prerequisites: (CMSC 113 or CMSC 214) with a grade of C or better; CMSC 251 with a grade of C or better.*
0101 **(10074)** Miller, R.
TuTh 9:30am-10:45am (CSS 2352)

CMSC460 Computational Methods; (3) REG/P-F/AUD. *Prerequisites: (a grade of C or better in MATH 240 and MATH 241); and (CMSC 110 or CMSC 113); and permission of department; or CMSC graduate student. Also offered as MAPL 460. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.*
0101 **(10084)** Elman, H.
TuTh 11:00am-12:15pm (MTH 0101)

CMSC466 Introduction to Numerical Analysis I; (3) REG/P-F/AUD. *Prerequisites: (a grade of C or better in MATH 240 and MATH 241); and (CMSC 110 or CMSC 113); and permission of department; or CMSC graduate student. Also offered as MAPL 466. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.*
0101 **(10095)** Stewart, G.
TuTh 12:30pm-1:45pm (CLB 0109)

CMSC498A *(PermReq)* **Special Problems in Computer Science; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of department required in advance on departmental form.

CMSC624 Database Systems Implementation; (3) REG/AUD. *Prerequisite: CMSC 424 or permission of instructor.*
0101 **(10145)** Franklin, M.
MW 9:00am-10:15am (JMP 1109)

CMSC666 Numerical Analysis I; (3) REG/AUD. *Prerequisites: CMSC/MAPL 466; and MATH 410. Also offered as MAPL 666.* CMSC majors only. Other majors require permission of department.
0101 **(10155)** Osborn, J.
TuTh 11:00am-12:15pm (MTH 1308)

CMSC720 Logic for Problem Solving; (3) REG/AUD. *Prerequisite: CMSC 620.*
0101 **(10165)** Subrahmanian, V.
TuTh 9:30am-10:45am (CLB 0109)

CMSC725 Geographical Information Systems and Spatial Databases; (3) REG/AUD. *Prerequisites: CMSC 420 and CMSC 424; or permission of instructor.*
0101 **(10175)** Samet, H.
TuTh 2:00pm-4:30pm (CLB 0109)

CMSC731 Programming Language Implementation; (3) REG/AUD. *Prerequisite: CMSC 430 or permission of instructor.*
0101 **(10195)** Pugh, W.
TuTh 11:00am-12:15pm (CLB 0109)

CMSC751 Parallel Algorithms; (3) REG/AUD. *Prerequisite: CMSC 451 or equivalent.*
0101 **(10205)** Kruskal, C.
TuTh 3:30pm-4:45pm (CSS 2352)

CMSC798A *(PermReq)* **Graduate Seminar in Computer Science; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. CMSC majors only. Other majors require permission of department.

CMSC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. CMSC majors only. Other majors require permission of department.

CMSC818A *(PermReq)* **Advanced Topics in Computer Systems; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC818K Advanced Topics in Computer Systems; (3) REG/AUD.
0101 **(10557)** Kelcher, P.
MW 10:30am-11:45am (PLS 1180)

CMSC828A *(PermReq)* **Advanced Topics in Information Processing; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC828Z Advanced Topics in Information Processing; (3) REG/AUD.
0101 **(10380)** Aloimonos, J.
W 2:00pm-4:30pm (JMP 3104)

CMSC838A *(PermReq)* **Advanced Topics in Programming Languages; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC838B Advanced Topics in Programming Languages: Readings in HCI: The CHI and UIST Conferences; (1) REG/AUD.
0101 **(10576)** Bederson, B.
W 5:00pm-6:00pm (Arranged)

CMSC858A *(PermReq)* **Advanced Topics in Theory of Computing; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC878A *(PermReq)* **Advanced Topics in Numerical Methods; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. CMSC majors only. Other majors require permission of department.

COMM Communication
(Arts and Humanities)

For course listings, please refer to SPCH (Speech).

CONS Sustainable Development & Conservation Biology
(Life Sciences)

CONS608 *(PermReq)* **Seminar in Sustainable Development and Conservation Biology; (1-2)** REG. For CONS majors only.
0101 **(10686)** Dietz, J.
W 12:00pm-1:00pm (ZOP 2277)

CONS609 *(PermReq)* **Special Topics in Conservation Biology; (1-3)** REG/S-F.
0101 **(10696)** Inouye, D.
Time and room to be arranged

CONS680 *(PermReq)* **Problem Solving in Conservation/Development; (4)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(10706)** Dietz, J.
Tu 2:00pm-6:00pm (ZOP 2277)

CONS798 *(PermReq)* **Research Papers in Sustainable Development and Conservation Biology; (1-4)** REG/S-F.
1111 **(10716)** Inouye, D.
Time and room to be arranged
1112 **(10717)** Dietz, J.
Time and room to be arranged

COOP Cooperative Education Program
(Undergraduate Studies)

COOP099 *(PermReq)* **Co-Op Work Experience; (No credit)** S-F. Obtain signature and more information at the Career Center, 3121 Hornbake Library. For special fees see the Financial Information section of the Schedule of Classes.
0101 **(10767)** Nefferdorf, C.
Time and room to be arranged

CPSP College Park Scholars Program
(Undergraduate Studies)

CPSP001 College Park Scholars - Advocates for Children; (No credit) NGI. Restricted to College Park Scholars - Advocates for Children.
0101 **(10817)** STAFF
Time and room to be arranged

CPSP002 College Park Scholars - Advocates for Children; (No credit) NGI. Restricted to College Park Scholars - Advocates for Children.
0101 **(10827)** STAFF
Time and room to be arranged

CPSP003 College Park Scholars - Advocates for Children; (No credit) NGI. Restricted to College Park Scholars - Advocates for Children.
0101 **(10837)** STAFF
Time and room to be arranged

CPSP004 College Park Scholars in American Cultures; (No credit) NGI. Restricted to College Park Scholars - American Cultures.
0101 **(10847)** STAFF
Time and room to be arranged

CPSP005 College Park Scholars in American Cultures; (No credit) NGI. Restricted to College Park Scholars - American Cultures.
0101 **(10857)** STAFF
Time and room to be arranged

CPSP006 College Park Scholars in American Cultures; (No credit) NGI. Restricted to College Park Scholars - American Cultures.
0101 **(10867)** STAFF
Time and room to be arranged

CPSP007 College Park Scholars in the Arts; (No credit) NGI. Restricted to College Park Scholars - Arts.
0101 **(10877)** STAFF
Time and room to be arranged

CPSP008 College Park Scholars in the Arts; (No credit) NGI. Restricted to College Park Scholars - Arts.
0101 **(10887)** STAFF
Time and room to be arranged

CPSP009 College Park Scholars in the Arts; (No credit) NGI. Restricted to College Park Scholars - Arts.
0101 **(10897)** STAFF
Time and room to be arranged

CPSP010 College Park Scholars in Business, Society, and the Economy; (No credit) NGI. Restricted to College Park Scholars - Business, Society, and the Economy.
0101 **(10907)** STAFF
Time and room to be arranged

CPSP011 College Park Scholars in Business, Society, and the Economy; (No credit) NGI. Restricted to College Park Scholars - Business, Society, and the Economy.
0101 **(10917)** STAFF
Time and room to be arranged

CPSP012 College Park Scholars in Business, Society, and the Economy; (No credit) NGI. Restricted to College Park Scholars - Business, Society, and the Economy.
0101 **(10927)** STAFF
Time and room to be arranged

CPSP013 College Park Scholars in Business, Society, and the Economy; (No credit) NGI. Restricted to College Park Scholars - Business, Society, and the Economy.
0101 **(10937)** STAFF
Time and room to be arranged

CPSP014 College Park Scholars in Environmental Studies; (No credit) NGI. Restricted to College Park Scholars - Environmental Studies.
0101 **(10947)** STAFF
Time and room to be arranged

CPSP015 College Park Scholars in Environmental Studies; (No credit) NGI. Restricted to College Park Scholars - Environmental Studies.
0101 **(10957)** STAFF
Time and room to be arranged

CPSP016 College Park Scholars in Environmental Studies; (No credit) NGI. Restricted to College Park Scholars - Environmental Studies.
0101 **(10967)** STAFF
Time and room to be arranged

CPSP017 College Park Scholars in Environmental Studies; (No credit) NGI. Restricted to College Park Scholars - Environmental Studies.
0101 **(10977)** STAFF
Time and room to be arranged

CPSP018 College Park Scholars in International Studies; (No credit) NGI. Restricted to College Park Scholars - International Studies.
0101 **(10987)** STAFF
Time and room to be arranged

CPSP019 College Park Scholars in International Studies; (No credit) NGI. Restricted to College Park Scholars - International Studies.
0101 **(10997)** STAFF
Time and room to be arranged

CPSP020 College Park Scholars in International Studies; (No credit) NGI. Restricted to College Park Scholars - International Studies.
0101 **(11007)** STAFF
Time and room to be arranged

CPSP021 College Park Scholars in International Studies; (No credit) NGI. Restricted to College Park Scholars - International Studies.
0101 **(11017)** STAFF
Time and room to be arranged

CPSP022 College Park Scholars in Life Sciences; (No credit) NGI. Restricted to College Park Scholars - Life Sciences.
0101 **(11027)** STAFF
Time and room to be arranged

CPSP023 College Park Scholars in Life Sciences; (No credit) NGI. Restricted to College Park Scholars - Life Sciences.
0101 **(11037)** STAFF
Time and room to be arranged

CPSP024 College Park Scholars in Life Sciences; (No credit) NGI. Restricted to College Park Scholars - Life Sciences.
0101 **(11047)** STAFF
Time and room to be arranged

CPSP025 College Park Scholars in Life Sciences; (No credit) NGI. Restricted to College Park Scholars - Life Sciences.
0101 **(11057)** STAFF
Time and room to be arranged

CPSP026 College Park Scholars in Life Sciences; (No credit) NGI. Restricted to College Park Scholars - Life Sciences.
0101 **(11067)** STAFF
Time and room to be arranged

CPSP027 College Park Scholars in Public Leadership; (No credit) NGI. Restricted to College Park Scholars - Public Leadership.
0101 **(11077)** STAFF
Time and room to be arranged

CPSP028 College Park Scholars in Public Leadership; (No credit) NGI. Restricted to College Park Scholars - Public Leadership.
0101 **(11087)** STAFF
Time and room to be arranged

CPSP029 College Park Scholars in Public Leadership; (No credit) NGI. Restricted to College Park Scholars - Public Leadership.
0101 **(11097)** STAFF
Time and room to be arranged

CPSP030 College Park Scholars in Science, Discovery, and the Universe; (No credit) NGI. Restricted to College Park Scholars - Science, Discovery, and the Universe.
0101 **(11107)** STAFF
Time and room to be arranged

CPSP031 College Park Scholars in Science, Discovery, and the Universe; (No credit) NGI. Restricted to College Park Scholars - Science, Discovery, and the Universe.
0101 **(11117)** STAFF
Time and room to be arranged

CPSP032 College Park Scholars in Science, Discovery, and the Universe; (No credit) NGI. Restricted to College Park Scholars - Science, Technology, and the Universe.
0101 **(11127)** STAFF
Time and room to be arranged

CPSP033 College Park Scholars in Science, Discovery, and the Universe; (No credit) NGI. Restricted to College Park Scholars - Science, Discovery, and the Universe.
0101 **(11137)** STAFF
Time and room to be arranged

CPSP034 College Park Scholars in Science, Technology, and Society; (No credit) NGI. Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11147)** STAFF
Time and room to be arranged

CPSP035 College Park Scholars in Science, Technology, and Society; (No credit) NGI. Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11157)** STAFF
Time and room to be arranged

CPSP036 College Park Scholars in Science, Technology, and Society; (No credit) NGI. Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11167)** STAFF
Time and room to be arranged

CPSP037 College Park Scholars in Science, Technology, and Society; (No credit) NGI. Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11177)** STAFF
Time and room to be arranged

CPSP118A College Park Scholars Colloquium I: Arts; (1) REG/P-F/AUD. Restricted to College Park Scholars - Arts.
0101 **(11197)** Walters, E.
M 6:00pm-7:00pm (CEN 0109)
0102 **(11198)** Walters, E.
M 6:00pm-7:00pm (CEN 0109)
0103 **(11199)** Walters, E.
M 6:00pm-7:00pm (CEN 0109)

CPSP118B College Park Scholars Colloquium I: Business, Society, and the Economy; (1) REG. Restricted to College Park Scholars - Business, Society, and the Economy.
0101 **(11209)** Gannon, M.
Th 2:00pm-4:00pm (PLS 1140)
0102 **(11210)** Gannon, M.
Th 2:00pm-4:00pm (PLS 1140)
0103 **(11211)** Gannon, M.
Th 2:00pm-4:00pm (PLS 1140)
0104 **(11212)** Gannon, M.
Th 2:00pm-4:00pm (PLS 1140)

CPSP118C College Park Scholars Colloquium I: Advocates for Children; (1) REG/P-F/AUD. Restricted to College Park Scholars - Advocates for Children.
0101 **(11222)** Gardner, A.
M 3:15pm-4:45pm (JMP 3201)
0102 **(11223)** Gardner, A.
M 3:15pm-4:45pm (JMP 3201)
0103 **(11224)** Gardner, A.
M 3:15pm-4:45pm (JMP 3201)

CPSP118D College Park Scholars Colloquium I: Science, Discovery, and Universe; (1) REG/P-F/AUD. Restricted to College Park Scholars - Science, Discovery, and the Universe.
0101 **(11234)** McFadden, L.
Th 4:00pm-5:30pm (PLS 1140)
0102 **(11235)** McFadden, L.
Th 4:00pm-5:30pm (PLS 1140)
0103 **(11236)** McFadden, L.
Th 4:00pm-5:30pm (PLS 1140)
0104 **(11237)** McFadden, L.
Th 4:00pm-5:30pm (PLS 1140)

CPSP118E College Park Scholars Colloquium I: Environmental Studies; (1) REG.
0101 **(11238)** McLellan, E.
MW 3:00pm-3:50pm (CEN 0109)
0102 **(11239)** McLellan, E.
MW 3:00pm-3:50pm (CEN 0109)
0103 **(11240)** McLellan, E.
MW 3:00pm-3:50pm (CEN 0109)
0104 **(11241)** McLellan, E.
MW 3:00pm-3:50pm (CEN 0109)

CPSP118L College Park Scholars Colloquium I: Life Sciences; (1) REG/P-F/AUD. Restricted to College Park Scholars - Life Sciences.
0101 **(11247)** Hellman, J.
W 3:30pm-5:30pm (PLS 1140)
0102 **(11248)** Hellman, J.
W 3:30pm-5:30pm (PLS 1140)
0103 **(11249)** Hellman, J.
W 3:30pm-5:30pm (PLS 1140)
0104 **(11250)** Hellman, J.
W 3:30pm-5:30pm (PLS 1140)
0105 **(11251)** Hellman, J.
W 3:30pm-5:30pm (PLS 1140)

CPSP118R College Park Scholars Colloquium I: American Cultures; (1) REG/P-F/AUD. Restricted to College Park Scholars - American Cultures.
0101 **(11261)** Ransom, L.
Tu 4:30pm-6:00pm (PLS 1140)
0102 **(11262)** Ransom, L.
Tu 4:30pm-6:00pm (PLS 1140)
0103 **(11263)** Ransom, L.
Tu 4:30pm-6:00pm (PLS 1140)

CPSP118T College Park Scholars Colloquium I: Science, Technology, and Society; (1) REG/P-F/AUD. Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11273)** Striffler, C.
Tu 7:00pm-8:30pm (JMP 3201)
0102 **(11274)** Striffler, C.
Tu 7:00pm-8:30pm (JMP 3201)
0103 **(11275)** Striffler, C.
Tu 7:00pm-8:30pm (JMP 3201)
0104 **(11276)** Striffler, C.
Tu 7:00pm-8:30pm (JMP 3201)

CPSP124 Issues in International Studies; (3) REG. CORE: SB
Prerequisite: admission to College Park Scholars International Studies Program. Restricted to College Park Scholars - International Studies.
0101 **(11299)** Vietri, L.
Tu 2:00pm-3:15pm (PLS 1140)
Th 2:00pm-3:15pm (PLS 1176) Dis
0102 **(11300)** Vietri, L.
Tu 2:00pm-3:15pm (PLS 1140)
Th 2:00pm-3:15pm (PLS 1162) Dis
0103 **(11301)** Vietri, L.
Tu 2:00pm-3:15pm (PLS 1140)
Th 2:00pm-3:15pm (PLS 1164) Dis
0104 **(11302)** Vietri, L.
Tu 2:00pm-3:15pm (PLS 1140)
Th 2:00pm-3:15pm (PLS 1176) Dis

CPSP126 Issues in Public Leadership; (3) REG. CORE: SB
Prerequisite: admission to College Park Scholars Public Leadership Program. Restricted to College Park Scholars - Public Leadership.
0101 **(11312)** O'Doherty, H.
Tu 2:00pm-3:15pm (CEN 0109)
Th 2:00pm-3:15pm (Arranged)
0102 **(11313)** O'Doherty, H.
Tu 2:00pm-3:15pm (CEN 0109)
Th 2:00pm-3:15pm (Arranged)
0103 **(11314)** O'Doherty, H.
Tu 2:00pm-3:15pm (CEN 0109)
Th 2:00pm-3:15pm (Arranged)

CPSP218A College Park Scholars Colloquium II: Arts; (1) REG/P-F/AUD. Restricted to College Park Scholars - Arts.
0101 **(11338)** Walters, E.
Tu 5:00pm-6:00pm (CEN 0109)
0201 **(11339)** Walters, E.
Time and room to be arranged

CPSP218C College Park Scholars Colloquium II: Advocates for Children; (1) REG/P-F/AUD. Restricted to College Park Scholars - Advocates for Children.
0101 **(11349)** Gardner, A.
W 3:15pm-4:45pm (JMP 3201)
0102 **(11350)** Gardner, A.
Time and room to be arranged

CPSP218D College Park Scholars Colloquium II: Science, Discovery, and the Universe; (1) REG. Restricted to College Park Scholars - Science, Discovery, and the Universe.
0101 **(11359)** McFadden, L.
M 3:00pm-4:30pm (PLS 1140)
0102 **(11360)** McFadden, L.
Time and room to be arranged

CPSP218E College Park Scholars Colloquium II: Environmental Studies; (1) REG/P-F/AUD. Restricted to College Park Scholars - Environmental Studies.
0101 **(11369)** McLellan, E.
MW 5:00pm-6:30pm (CBD 1140)

CPSP218L College Park Scholars Colloquium II: Life Sciences; (1) REG/P-F/AUD. Restricted to College Park Scholars - Life Sciences.
0101 **(11379)** Hellman, J.
TuTh 4:00pm-6:00pm (CBD 1134)
TBA (CBD 1135)

CPSP218M College Park Scholars Colloquium II: International Studies; (1) REG/P-F/AUD. Restricted to College Park Scholars - International Studies.
0101 **(11389)** Vietri, L.
M 3:00pm-4:30pm (KEY 0106)
0102 **(11390)** Vietri, L.
Time and room to be arranged

CPSP218P College Park Scholars Colloquium II: Public Policy; (1) REG/P-F/AUD. Restricted to College Park Scholars - Public Leadership.
0101 **(11399)** O'Doherty, H.
Tu 2:00pm-3:30pm (ARC 1105)

CPSP218Q College Park Scholars Colloquium II: Public Leadership Sophomore Project; (1) REG. Restricted to College Park Scholars - Public Leadership.
0101 **(11409)** O'Doherty, H.
Time and room to be arranged
0301 **(11412)** O'Doherty, H.
Time and room to be arranged
0401 **(11410)** O'Doherty, H.
Time and room to be arranged

CPSP218R College Park Scholars Colloquium II: American Cultures; (2) REG. Restricted to College Park Scholars - American Cultures.
0101 **(11420)** Muncy, R.
Th 3:30pm-5:30pm (CEN 0109)

CPSP218T College Park Scholars Colloquium II: Science, Technology, and Society; (1) REG. Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11430)** Striffler, C.
W 7:00pm-8:30pm (CBD 1140)
0301 **(11431)** Striffler, C.
W 7:00pm-8:30pm (CBD 1140)
0401 **(11432)** Striffler, C.
W 7:00pm-8:30pm (CBD 1140)
0501 **(11433)** Striffler, C.
W 7:00pm-8:30pm (CBD 1140)

CPSP227 College Park Scholars Capstone: Science, Technology, and Society; (3) REG. CORE: SB Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(11443)** Abbate, J.
TuTh 3:30pm-4:45pm (CBD 1140)

CPSP259C College Park Scholars Practicum: Advocates for Children; (1-3) REG. Restricted to College Park Scholars - Advocates for Children. Prior approval of the Director, CPS-AC required.
0101 **(11453)** Gardner, A.
Time and room to be arranged
0201 **(11454)** Gardner, A.
Time and room to be arranged
0301 **(11455)** Gardner, A.
Time and room to be arranged
0401 **(11456)** Gardner, A.
Time and room to be arranged

CPSP259L College Park Scholars Practicum: Life Sciences; (2-3) REG. Restricted to College Park Scholars - Life Sciences. Prior approval of the Director, CPS-LS required.
0301 **(11466)** Hellman, J.
Time and room to be arranged
0401 **(11467)** Hellman, J.
Time and room to be arranged

CPSP259N College Park Scholars Practicum: International Studies; (2) REG. Restricted for College Park Scholars - International Studies.
0101 **(11468)** Vietri, L.
Time and room to be arranged
0301 **(11469)** Vietri, L.
Time and room to be arranged

DANC Dance
(Arts and Humanities)

DANC102 Rhythmic Training for Dance; (2) REG/P-F/AUD. Course is offered in the fall semester only.
0101 **(11517)** Johnson, I.
TuTh 2:00pm-3:15pm (DNC 1136) Lab

DANC109 Improvisation I; (2) REG/P-F/AUD.
0101 **(11527)** Rosen, M.
TuTh 11:00am-12:15pm (DNC 1105) Lab

DANC128 Fundamentals of Ballet; (2) REG/P-F/AUD.
0101 **(11537)** Druker, S.
MW 9:30am-10:45am (PKT 2102) Lab
0102 **(11538)** Druker, S.
MW 11:00am-12:15pm (PKT 2102) Lab
0103 **(11539)** Druker, S.
MW 12:30pm-1:45pm (PKT 2102) Lab

DANC138 Introduction to Ethnic Dance: Introduction to Ethnic Dance: West African; (2) REG/P-F/AUD. DIVERSITY
0101 **(11549)** Hall, S.
TuTh 9:30am-10:45am (PKT 2102) Lab

DANC148 Fundamentals of Modern Dance; (2) REG/P-F/AUD.
0101 **(11559)** Wright, C.
MW 12:30pm-1:45pm (DNC 1136) Lab
0102 **(11560)** Jackson, P.
MW 2:00pm-3:15pm (PKT 2102) Lab
0103 **(11561)** Wright, C.
TuTh 12:30pm-1:45pm (DNC 1105) Lab
0104 **(11562)** Mayes, A.
TuTh 3:30pm-4:45pm (DNC 1136) Lab

DANC158 Fundamentals of Jazz; (2) REG/P-F/AUD.
0101 **(11572)** Mayes, A.
MW 3:30pm-4:45pm (DNC 1136) Lab
0102 **(11573)** Mayes, A.
TuTh 2:00pm-3:15pm (PKT 2102) Lab

DANC199A Practicum in Choreography, Production and Performance I: Beginning Tap Dance; (2) REG/P-F/AUD.
0101 **(11588)** Slater, M.
TuTh 12:30pm-1:45pm (PKT 2102) Lab

DANC199B Practicum in Choreography, Production and Performance I: Beginning Ballroom Dance; (2) REG/P-F/AUD.
0101 **(11598)** Taylor, J.
TuTh 9:30am-10:45am (DNC 1105) Lab

DANC200 Introduction to Dance; (3) REG/P-F/AUD. CORE: HA DIVERSITY Lecture/discussion only - no studio activity.
0101 **(11608)** Perez, S.
MWF 10:00am-10:50am (DNC 1143)
0201 **(11609)** Perez, S.
MWF 11:00am-11:50am (DNC 1143)
0301 **(11610)** Warren, A.
TuTh 11:00am-12:15pm (DNC 1143)
0401 **(11611)** Gaskill, B.
TuTh 12:30pm-1:45pm (DNC 1143)
0501 **(11612)** Rosen, M.
TuTh 2:00pm-3:15pm (DNC 1143)
0601 **(11613)** Gaskill, B.
TuTh 3:30pm-4:45pm (DNC 1143)

DANC200+ Introduction to Dance; (3) REG/P-F/AUD. CORE: HA DIVERSITY Restricted to College Park Scholars - Arts.
0301 **(11623)** Warren, A.
TuTh 11:00am-12:15pm (DNC 1143)

DANC208 Choreography I; (3) REG/P-F/AUD. Prerequisites: DANC 102 and DANC 109.
0101 **(11633)** Mayes, A.
MWF 2:00pm-3:20pm (DNC 1136) Lab

DANC210 Dance Production; (3) REG/P-F/AUD.
0101 **(11643)** Jackson, P.
MWF 3:30pm-4:50pm (DNC 1105)

DANC228 Ballet I; (2) REG/P-F/AUD. Prerequisite: DANC 128 or dance major standing.
0101 **(11653)** Druker, S.
TuTh 9:30am-10:45am (DNC 1136) Lab

DANC229 Ballet II; (2) REG/P-F/AUD. Prerequisite: DANC 228 or audition.
0101 **(11663)** Druker, S.
TuTh 12:30pm-1:45pm (DNC 1136) Lab

DANC248 Modern Dance I; (3) REG/P-F/AUD. Prerequisite: DANC 148 or dance major standing.
0101 **(11673)** Wiltz, A.
MWF 11:00am-12:20pm (DNC 1136) Lab

DANC249 Modern Dance II; (3) REG/P-F/AUD. Prerequisite: DANC 248 or audition.
0101 **(11683)** Wiltz, A.
MWF 11:00am-12:20pm (DNC 1136) Lab

DANC258 Jazz I; (2) REG/P-F/AUD. Prerequisites: DANC 158 or dance major standing.
0101 **(11693)** Wright, C.
TuTh 11:00am-12:15pm (PKT 2102) Lab

DANC305 Principles of Teaching Dance; (3) REG/P-F/AUD.
Prerequisites: DANC 102, DANC 208, and DANC 248.
0101 **(11708)** Warren, A.
TuTh 2:00pm-3:15pm (DNC 1105)

DANC328 Ballet III; (2) REG/P-F/AUD.
0101 **(11718)** Druker, S.
TuTh 11:00am-12:15pm (DNC 1136) Lab

DANC329 Ballet IV; (2) REG/P-F/AUD.
0101 **(11728)** Druker, S.
TuTh 11:00am-12:15pm (DNC 1136) Lab

DANC348 Modern Dance III; (3) REG/P-F/AUD. Prerequisite: DANC 249 or audition.
0101 **(11738)** Warren, A.
MWF 12:30pm-1:50pm (DNC 1105) Lab

DANC349 Modern Dance IV; (3) REG/P-F/AUD.
0101 **(11748)** Warren, A.
MWF 12:30pm-1:50pm (DNC 1105) Lab

DANC388 Choreography III; (3) REG/P-F/AUD. Course is offered in the fall semester only.
0101 **(11759)** Rosen, M.
TuTh 3:30pm-4:45pm (DNC 1105) Lab

DANC410 Technical Theater Production for Dance; (3) REG/P-F/AUD. *Prerequisite: DANC 210 or equivalent (or permission of department).*
0101 **(11781)** Jackson, P.
TBA (DNC 1105)

DANC448 Modern Dance V; (3) REG/P-F/AUD.
0101 **(11791)** Perez, S.
MWF 2:00pm-3:20pm (DNC 1105) Lab

DANC449 Modern Dance VI; (3) REG/P-F/AUD.
0101 **(11801)** Perez, S.
MWF 2:00pm-3:20pm (DNC 1105) Lab

DANC483 History of Dance II; (3) REG/P-F/AUD. *Prerequisite: DANC 200.*
0101 **(11811)** Wenning, L.
MW 9:30am-10:45am (Arranged)

EALL East Asian Languages and Literatures
(Arts and Humanities)

EALL300 The Languages of East Asia; (3) REG/P-F/AUD. DIVERSITY
0101 **(11875)** Ramsey, S.
MW 1:00pm-2:15pm (JMZ 0105)

ECON Economics
(Behavioral and Social Sciences)

ECON200 Principles of Micro-Economics; (4) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. It is recommended that students complete ECON 200 before taking ECON 201. Credit will be granted for only one of the following: ECON 200 or ECON 203. Formerly ECON 203.*
2101 **(11925)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
M 11:00am-11:50am (TYD 1128) Dis
2102 **(11926)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
M 12:00pm-12:50pm (TYD 1128) Dis
2103 **(11927)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
F 9:00am-9:50am (TYD 0101) Dis
2104 **(11928)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
F 11:00am-11:50am (TYD 0102) Dis
2105 **(11929)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
M 1:00pm-1:50pm (TYD 0102) Dis
2106 **(11930)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 0101) Dis
2107 **(11931)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
W 10:00am-10:50am (LEF 1222) Dis
2108 **(11932)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 0101) Dis
2109 **(11933)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
W 11:00am-11:50am (LEF 1201) Dis
2110 **(11934)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
F 10:00am-10:50am (SQH 2121) Dis
2111 **(11935)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
M 9:00am-9:50am (TYD 1114) Dis
2112 **(11936)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
W 1:00pm-1:50pm (TYD 0102) Dis
2113 **(11937)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
W 9:00am-9:50am (KEY 0126) Dis
2114 **(11938)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
M 10:00am-10:50am (SQH 2121) Dis
2115 **(11939)** Coughlin, P.
TuTh 11:00am-12:15pm (TYD 0130)
W 12:00pm-12:50pm (TYD 1128) Dis
2201 **(11940)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
M 9:00am-9:50am (TYD 0102) Dis
2202 **(11941)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
W 9:00am-9:50am (TYD 0102) Dis
2203 **(11942)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
M 10:00am-10:50am (TYD 0102) Dis
2204 **(11943)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
F 12:00pm-12:50pm (TYD 1114) Dis
2205 **(11944)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
M 1:00pm-1:50pm (JRN 1105) Dis
2207 **(11946)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
M 11:00am-11:50am (ARC 1105) Dis
2208 **(11947)** Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
F 10:00am-10:50am (TYD 1128) Dis

2209 (11948) Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
W 10:00am-10:50am (TYD 0102) Dis
2210 (11949) Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
W 11:00am-11:50am (LEF 1220) Dis
2211 (11950) Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
F 9:00am-9:50am (TYD 1128) Dis
2212 (11951) Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
F 11:00am-11:50am (ARM 0116) Dis
2213 (11952) Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
W 1:00pm-1:50pm (JRN 1105) Dis
2214 (11953) Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
M 12:00pm-12:50pm (TLF 1101) Dis
2215 (11954) Schwab, R.
TuTh 9:30am-10:45am (TYD 0130)
W 12:00pm-12:50pm (TLF 1101) Dis
2301 (11955) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
W 9:00am-9:50am (LEF 1222) Dis
2302 (11956) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
M 10:00am-10:50am (LEF 1222) Dis
2303 (11957) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
W 12:00pm-12:50pm (ARM 0105) Dis
2304 (11958) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
M 12:00pm-12:50pm (ARC 1103) Dis
2305 (11959) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
F 10:00am-10:50am (LEF 1220) Dis
2306 (11960) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
F 9:00am-9:50am (TYD 1114) Dis
2307 (11961) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
M 9:00am-9:50am (KEY 0126) Dis
2308 (11962) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
W 10:00am-10:50am (SQH 2121) Dis
2309 (11963) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
F 11:00am-11:50am (ARM 0117) Dis
2310 (11964) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
M 12:00pm-12:50pm (TLF 1103) Dis
2311 (11965) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
M 1:00pm-1:50pm (ASY 3219) Dis
2312 (11966) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
W 1:00pm-1:50pm (ASY 3219) Dis
2313 (11967) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
M 11:00am-11:50am (TYD 0111) Dis
2314 (11968) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
W 11:00am-14:50am (TYD 0111) Dis
2315 (11969) Gelbach, J.
TuTh 2:00pm-3:15pm (ARM 0126)
M 9:00am-9:50am (KEY 0103) Dis

ECON200H Principles of Micro-Economics; (4) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. It is recommended that students complete ECON 200 before taking ECON 201. Credit will be granted for only one of the following: ECON 200 or ECON 203. Formerly ECON 203.* For general honors students only.
0101 (11976) STAFF
MW 2:00pm-3:15pm (TYD 0117)

ECON201 Principles of Macro-Economics; (4) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. It is recommended that students complete ECON 200 before taking ECON 201. Credit will be granted for only one of the following: ECON 201 or ECON 205.*
0101 (11986) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
M 9:00am-9:50am (TYD 1128) Dis
0102 (11987) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
W 9:00am-9:50am (TYD 1114) Dis
0103 (11988) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
M 12:00pm-12:50pm (TYD 0117) Dis
0104 (11989) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
W 12:00pm-12:50pm (TYD 0117) Dis
0105 (11990) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
M 10:00am-10:50am (TWS 0131) Dis
0106 (11991) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
F 1:00pm-1:50pm (KEY 0123) Dis
0107 (11992) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 0111) Dis
0108 (11993) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
W 10:00am-10:50am (TWS 0131) Dis
0109 (11994) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
F 10:00am-10:50am (TYD 0101) Dis
0110 (11995) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
W 11:00am-11:50am (SQH 1103) Dis
0111 (11996) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
M 1:00pm-1:50pm (HBK 1116) Dis
0112 (11997) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
M 11:00am-11:50am (SQH 1103) Dis
0113 (11998) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
F 9:00am-9:50am (TYD 0102) Dis
0114 (11999) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
F 11:00am-11:50am (SYM 1308) Dis
0115 (12000) Shea, J.
MW 2:00pm-3:15pm (TYD 0130)
W 1:00pm-1:50pm (HBK 1116) Dis
2101 (12001) Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
W 8:00am-8:50am (TYD 0101) Dis
2102 (12002) Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
M 1:00pm-1:50pm (MMH 0108) Dis
2103 (12003) Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
W 10:00am-10:50am (ARC 1103) Dis
2104 (12004) Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
F 10:00am-10:50am (TYD 0111) Dis
2105 (12005) Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
M 8:00am-8:50am (TYD 0101) Dis
2106 (12006) Dorsey, J.
MWF 9:00am-9:50am (TYD 0130)
F 1:00pm-1:50pm (TYD 0102) Dis

ECON201H Principles of Macro-Economics; (4) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. It is recommended that students complete ECON 200 before taking ECON 201. Credit will be granted for only one of the following: ECON 201 or ECON 205.* For general honors students only.
0101 (12016) Dorsey, J.
MWF 11:00am-11:50am (TYD 1132)

ECON305 Intermediate Macroeconomic Theory and Policy; (3) REG/P-F/AUD. *Prerequisites: ECON 200; and ECON 201; and MATH 220. Credit will be granted for only one of the following: ECON 305 or ECON 405. Formerly ECON 401.*
0101 (12026) STAFF
MW 11:00am-12:15pm (JMZ 0105)
0201 (12027) STAFF
MW 9:30am-10:45am (JMZ 0105)
0301 (12028) STAFF
TuTh 11:00am-12:15pm (TYD 1102)
0401 (12029) STAFF
TuTh 9:30am-10:45am (DNC 1147A)
0501 (12030) STAFF
TuTh 12:30pm-1:45pm (TYD 1132)

ECON306 Intermediate Microeconomic Theory; (3) REG/P-F/AUD. *Prerequisites: ECON 200; and ECON 201; and MATH 220. Formerly ECON 403.*
0101 (12038) STAFF
TuTh 2:00pm-3:15pm (PLS 1130)
0201 (12039) STAFF
MWF 9:00am-9:50am (TYD 1132)
0301 (12040) STAFF
MWF 11:00am-11:50am (TYD 0117)
0501 (12042) STAFF
TuTh 9:30am-10:45am (TYD 1102)
0601 (12043) STAFF
TuTh 11:00am-12:15pm (TYD 0101)
0701 (12044) STAFF
MWF 1:00pm-1:50pm (TYD 1102)
0801 (12045) STAFF
TuTh 12:30pm-1:45pm (TYD 0101)

ECON306H Intermediate Microeconomic Theory; (3) REG/P-F/AUD. *Prerequisites: ECON 200; and ECON 201; and MATH 220. Formerly ECON 403.* For general honors students only.
0101 (12046) Hulten, C.
TuTh 2:00pm-3:15pm (LEF 1220)

ECON315 Economic Development of Underdeveloped Areas; (3) REG/P-F/AUD. *Prerequisites: [ECON 200; and ECON 201] or ECON 205. Credit will be granted for only one of the following: ECON 315 or ECON 416. Formerly ECON 415.*
0101 (12055) STAFF
MWF 10:00am-10:50am (TYD 1114)
0201 (12056) Swamy, A.
TuTh 2:00pm-3:15pm (TYD 1102)
0301 (12057) Swamy, A.
TuTh 9:30am-10:45am (TYD 0117)
0401 (12058) Betancourt, R.
TuTh 11:00am-12:15pm (TYD 0117)
0501 (12059) STAFF
MWF 9:00am-9:50am (TYD 1101)

ECON321 Economic Statistics; (3) REG/P-F/AUD. *Prerequisite: MATH 220 or equivalent. Not open to students who have completed BMGT 230 or BMGT 231. Formerly ECON 421.*
0101 (12069) Chao, J.
TuTh 2:00pm-3:15pm (TYD 0101)

ECON375 Economics of Poverty and Discrimination; (3) REG/P-F/AUD. DIVERSITY *Prerequisites: [ECON 200; and ECON 201] or ECON 205.*
0101 (12079) STAFF
MW 11:00am-12:15pm (TYD 1102)

ECON381 Environmental Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 200 or ECON 205 or permission of department.*
0101 (12089) STAFF
MW 2:00pm-3:15pm (TYD 1102)

ECON386 *(PermReq)* Experiential Learning; (3-6) REG/P-F. *Prerequisite: permission of department. 56 semester hours.*
0101 (12099) Wallis, J.
Time and room to be arranged

ECON396 Independent Honors Study; (3) REG/P-F/AUD. *Prerequisite: candidacy for honors in economics or by permission of instructor.*
0101 (12109) Wallis, J.
W 3:30pm-6:00pm (TYD 2111)

ECON397 Honors Thesis; (3) REG/P-F/AUD. *Prerequisites: ECON 396 and candidacy for honors in economics.*
0101 (12119) Wallis, J.
Time and room to be arranged

ECON399 *(PermReq)* Individual Reading and Research For Undergraduates; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses.

ECON402 Macroeconomic Models and Forecasting; (3) REG/P-F/AUD. *Prerequisite: ECON 305 or ECON 405.*
0201 (12179) Almon, C.
MWF 10:00am-10:50am (TYD 2111)

ECON407 Advanced Macroeconomics; (3) REG/P-F/AUD. *Prerequisite: ECON 305.*
0101 (12189) Drazen, A.
MW 11:00am-12:15pm (TYD 1114)

ECON414 Game Theory; (3) REG/P-F/AUD. *Prerequisites: ECON 306 and (MATH 220 or MATH 140). Credit will be granted for only one of the following: ECON 414 or ECON 417. Formerly ECON 417.*
0101 (12190) Cramton, P.
TuTh 11:00am-12:15pm (TYD 0102)

ECON422 Quantitative Methods in Economics I; (3) REG/P-F/AUD. *Prerequisites: ECON 200; and ECON 201; and [ECON 321 or BMGT 230:] or permission of department.*
0201 (12199) Evans, W.
TuTh 2:00pm-3:15pm (TYD 0111)

ECON425 Mathematical Economics; (3) REG/P-F/AUD. *Prerequisites: ECON 305 or ECON 405, and ECON 306 or ECON 406, and MATH 220 or equivalent.*
0101 (12209) STAFF
MWF 10:00am-10:50am (TYD 1132)

ECON430 Money and Banking; (3) REG/P-F/AUD. *Prerequisites: ECON 200 and ECON 201. Credit will be granted for only one of the following: ECON 430 or ECON 431.*
0201 (12219) Dorsey, J.
MW 12:30pm-1:45pm (TYD 0130)

ECON440 International Economics; (3) REG/P-F/AUD. *Prerequisites: ECON 200 and ECON 201. Credit will be granted for only one of the following: ECON 440 or ECON 441.*
0101 (12229) STAFF
MWF 9:00am-9:50am (TYD 0117)
0201 (12230) STAFF
TuTh 12:30pm-1:45pm (TYD 0117)
0301 (12231) STAFF
TuTh 11:00am-12:15pm (COL 3109)
0401 (12232) Rodriguez, F.
TuTh 2:00pm-3:15pm (ZOP 1238)
0501 (12233) STAFF
MWF 10:00am-10:50am (SQH 1119)

ECON441 Theory of International Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 305 or ECON 405; and ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 440 or ECON 441.*
0101 (12243) Panagariya, A.
TuTh 12:30pm-1:45pm (TYD 0111)

ECON451 Public Choice and Public Policy; (3) REG/P-F/AUD. *Prerequisite: [ECON 200; and ECON 201], or ECON 205.*
0101 (12263) Coughlin, P.
TuTh 9:30am-10:45am (TYD 1114)

ECON454 Theory of Public Finance and Fiscal Federalism; (3) REG/AUD. *Prerequisite: ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 450 or ECON 454.*
0101 (12273) Hulten, C.
TuTh 11:00am-12:15pm (TYD 2111)

ECON470 Theory of Labor Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 306. Credit will be granted for only one of the following: ECON 370 or ECON 470.*
0101 (12295) Hellerstein, J.
TuTh 11:00am-12:15pm (TYD 1132)

ECON600 *(PermReq)* Analytical Techniques for Economists; (3) REG/AUD. *Prerequisite: permission of department.*
0101 (12305) Sakellaris, P.
TuTh 9:30am-10:45am (TYD 0111)
M 3:00pm-5:00pm (TYD 1132) Dis

ECON601 Macroeconomic Analysis I; (3) REG/AUD. *Prerequisite: ECON 600 or permission of department.*
0101 (12315) Haltiwanger, J.
MW 9:30am-10:45am (TYD 0101)
M 5:00pm-7:00pm (TYD 1114) Dis
0201 (12316) Shea, J.
MW 11:00am-12:15pm (TYD 0102)
F 2:00pm-3:15pm (TYD 1114) Dis

ECON603 Microeconomic Analysis I; (3) REG/AUD. *Prerequisite: ECON 600 or permission of department.*
0101 (12326) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 2111)
W 5:15pm-6:45pm (TYD 0101) Dis
0201 (12327) Ausubel, L.
TuTh 11:00am-12:15pm (TYD 1114)
F 12:30pm-1:45pm (TYD 2111) Dis

ECON615 Economic Development of Less-Developed Areas; (3) REG/AUD. *Prerequisite: ECON 603 or permission of department.*
0101 (12337) Swamy, A.
M 5:30pm-8:00pm (TYD 1132)

ECON622 Quantitative Methods II; (3) REG/AUD. *Prerequisite: ECON 621 or permission of department.*
0101 (12347) Kelejian, H.
TuTh 5:00pm-6:15pm (TYD 2111)
Tu 3:30pm-5:00pm (TYD 2111) Dis

ECON623 Econometrics I; (3) REG/AUD.
0101 (12357) Prucha, I.
TuTh 12:30pm-1:45pm (TYD 1128)
Time and room to be arranged Dis

ECON624 Econometrics II; (3) REG/AUD. *Prerequisite: ECON 623 or permission of department.*
0101 (12367) Chao, J.
TuTh 12:30pm-1:45pm (TYD 1114)
Th 4:00pm-7:00pm (TYD 0102) Dis

ECON662 Industry Structure, Conduct, and Performance; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604.*
0101 (12378) Vincent, D.
TuTh 2:00pm-3:15pm (TYD 1132)

ECON698 *(PermReq)* Selected Topics in Economics; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ECON698E *(PermReq)* Selected Topics in Economics: Econometrics Workshop; (3) REG/AUD.
0101 (12655) Prucha, I.
M 3:30pm-6:00pm (TYD 0111)

ECON701 Advanced Macroeconomics I; (3) REG/AUD. *Prerequisite: ECON 601; and ECON 602.*
0101 (12435) Drazen, A.
MW 2:00pm-3:15pm (TYD 0111)

ECON703 Advanced Microeconomics I; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604.*
0101 (12445) Cramton, P.
TuTh 9:30am-10:45am (TYD 1128)

ECON708 Advanced Topics in Applied and Theoretical Microeconomics; (3) REG/AUD.
0101 (12455) Evans, W.
MW 12:30pm-1:45pm (TYD 0101)
0201 (12456) Hellerstein, J.
MW 12:30pm-1:45pm (TYD 0111)

ECON709 Advanced Topics in Applied and Theoretical Macroeconomics; (3) REG/AUD.
0101 (12466) Haltiwanger, J.
MW 12:30pm-1:45pm (TYD 1132)
0201 (12467) Calvo, G.
MW 12:30pm-1:45pm (TYD 1114)

ECON722 Econometrics IV; (3) REG/AUD. *Prerequisite: ECON 721 or permission of instructor.*
0101 (12477) Kelejian, H.
TuTh 12:30pm-1:45pm (TYD 0102)
Th 3:30pm-5:00pm (TYD 0117) Dis

ECON725 *(PermReq)* Empirical Economic Modeling I; (3) REG/AUD *Prerequisite: ECON 622 or ECON 721. Credit will be granted for only one of the following: ECON 725 or ECON 625.*
0101 (12487) Almon, C.
MW 12:30pm-1:45pm (TYD 1101)

ECON742 Advanced International Economics II; (3) REG/AUD. *Prerequisite: ECON 603 or permission of department.*
0101 (12497) Panagariya, A.
TuTh 2:00pm-3:15pm (TYD 1114)

ECON752 Seminar in Public Finance; (3) REG/AUD. *Prerequisite: ECON 751.*
0101 (12508) Lyon, A.
MW 9:30am-10:45am (TYD 0111)

ECON772 Government Policy and the Labor Market; (3) REG/AUD. *Prerequisite: ECON 771 or permission of department.*
0101 (12517) STAFF
Tu 6:00pm-8:30pm (KEY 0117)

ECON781 Environmental Economics; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604; and (ECON 621 or ECON 624).*
0101 (12527) Cropper, M.
MW 11:00am-12:15pm (KEY 0125)

ECON799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ECON808 Workshop on Macroeconomics and Growth: Workshop in Applied Economics; (3) S-F/AUD.
0101 (12576) Haltiwanger, J.
W 3:30pm-6:00pm (TYD 1114)

ECON848 *(PermReq)* Workshop in International Development, and Comparative Economics; (3) S-F/AUD.
0101 (12586) Calvo, G.
M 3:30pm-6:00pm (TYD 2111)

ECON868 *(PermReq)* Workshop in Industrial Organization; (3) S-F/AUD.
0101 (12596) Cramton, P.
Tu 3:30pm-6:00pm (TYD 0101)

ECON878 Workshop in Labor Economics; (3) S-F/AUD.
0101 (12606) Hellerstein, J.
W 3:30pm-6:00pm (TYD 0111)

ECON899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCI Curriculum and Instruction (Education)

EDCI280 School Service Semester; (3) S-F. Students must complete application for field component in Office of Laboratory Experiences. Field component occurs during designated lab time.
0101 (12704) Fasulo, E.
Th 2:00pm-3:50pm (EDU 0114)
Th 8:00am-2:00pm (Arranged) Lab
0201 (12705) Leipzig, D.
W 2:00pm-3:50pm (EDU 4233)
W 8:00am-2:00pm (Arranged) Lab
0301 (12706) Fischer, K.
Tu 2:00pm-3:50pm (COL 3110)
Tu 8:00am-2:00pm (Arranged) Lab
0401 (12707) Baccus, A.
Tu 2:00pm-3:50pm (EDU 0114)
Tu 8:00am-2:00pm (Arranged) Lab
0501 (12708) Wuertzer Magner, J.
Th 2:00pm-3:50pm (EDU 1315)
Th 8:00am-2:00pm (Arranged) Lab
0601 (12709) Handel, B.
Tu 2:00pm-3:50pm (EDU 1315)
Tu 8:00am-2:00pm (Arranged) Lab

EDCI288D Special Topics in Teacher Education: Developmental Heuristics; (3) REG.
0101 (12719) Beyene, T.
Time and room to be arranged

EDCI288M *(PermReq)* Special Topics in Teacher Education: Tutoring in Remedial Mathematics; (1-3) REG/P-F/AUD.
0101 (12729) Shearn, E.
Time and room to be arranged

EDCI288P Special Topics in Teacher Education: Q Cluster Seminar; (1) REG/P-F/AUD.
0101 (12730) Fey, J.
Time and room to be arranged

EDCI298 *(PermReq)* Special Problems in Teacher Education; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI300 *(PermReq)* Discipline Based Art Education (C & I Art Methods); (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 390; and EDHD 413 and EDHD 420. For art education majors only.*
0101 (12775) Hendricks, S.
Tu 12:00pm-2:00pm (EDU 1315)
Th 12:00pm-2:00pm (Arranged) Lab

EDCI301 Teaching Art in the Elementary School; (3) REG/P-F/AUD. *For elementary and pre-elementary education majors only. Not open to art education majors.*
0101 (12785) Basseches, K.
M 9:00am-11:50am (EDU 1315)

EDCI301 cont'd

0102 **(12786)** Wright, H.
W 9:00am-11:50am (EDU 1315)
0103 **(12787)** Ferris, J.
Th 9:00am-11:50am (EDU 1315)
0104 **(12788)** Wright, H.
F 9:00am-11:50am (EDU 1315)

***** Please note: all EDCI 305+ sections have been replaced as follows: EDCI 305+ 0101 is now EDCI 305A 0101. EDCI 305+ 0201 is now EDCI 305B 0101. EDCI 305+ 0301 is now EDCI 305C 0101. EDCI 305+ 0401 is now EDCI 305D 0101. *****

EDCI305A *(PermReq)* **Curriculum and Instruction in Elementary Education Cluster; (No credit)** NGI. *Restricted to students registering for the elementary education blocks.* Teamed with EDCI 322A, 342A, 352A, 362A and 372A. Restricted to students registering for the Elementary Education block. See the individual course listings for day and times.
0101 **(12798)** STAFF
Time and room to be arranged

EDCI305B *(PermReq)* **Curriculum and Instruction in Elementary Education Cluster; (No credit)** NGI. *Restricted to students registering for the elementary education blocks.* Teamed with EDCI 322B, 342B, 352B, 362B and 372B. Restricted to students registering for the Elementary Education block. See the individual course listings for day and times.
0101 **(12799)** STAFF
Time and room to be arranged

EDCI305C *(PermReq)* **Curriculum and Instruction in Elementary Education Cluster; (No credit)** NGI. *Restricted to students registering for the elementary education blocks.* Teamed with EDCI 322C, 342C, 352C, 362C and 372C. Restricted to students registering for the Elementary Education block. See the individual course listings for day and times.
0101 **(12800)** STAFF
Time and room to be arranged

EDCI305D *(PermReq)* **Curriculum and Instruction in Elementary Education Cluster; (No credit)** NGI. *Restricted to students registering for the elementary education blocks.* Teamed with EDCI 322D, 342D, 352D, 362D and 372D. Restricted to students registering for the Elementary Education block. See the individual course listings for day and times.
0101 **(12801)** STAFF
Time and room to be arranged

EDCI314 Teaching Language, Reading, Drama and Literature with Young Children; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 312; and EDHD 313; and EDHD 419A; and EDHD 416. For early childhood education majors only.*
0101 **(12810)** Comas, J.
Tu 1:00pm-2:50pm (EDU 0212)
For registration purposes, please refer to EDHD 305+ 0101.

0201 **(12811)** Kortecamp, K.
Th 8:00am-9:50am (EDU 0212)
For registration purposes, please refer to EDHD 305+ 0201.

EDCI320 *(PermReq)* **Curriculum and Instruction in Secondary Education: Social Studies/ History; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 413 and EDHD 420; and EDCI 390. For education majors only.* Secondary education social studies majors only.
0101 **(12821)** Weible, T.
M 4:15pm-7:00pm (JMP 2202)

EDCI322A *(PermReq)* **Curriculum and Instruction in Elementary Education: Social Studies; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342A, 352A, 362A, and 372A. For registration purposes, please refer to EDCI 305A.
0101 **(12831)** Jantz, R.
M 8:30am-10:20am (EDU 2212)
Time and room to be arranged Lab

EDCI322B *(PermReq)* **Curriculum and Instruction in Elementary Education: Social Studies; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342B, 352B, 362B, and 372B. For registration purposes, please refer to EDCI 305B.
0101 **(12841)** Slekar, T.
Th 1:00pm-2:50pm (EDU 2101)
Time and room to be arranged Lab

EDCI322C *(PermReq)* **Curriculum and Instruction in Elementary Education: Social Studies; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342C, 352C, 362C, and 372C. For registration purposes, please refer to EDCI 305C.
0101 **(12851)** Munyer, J.
M 1:00pm-2:50pm (EDU 3233)
Time and room to be arranged Lab

EDCI322D *(PermReq)* **Curriculum and Instruction in Elementary Education: Social Studies; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342D, 352D, 362D, and 372D. For registration purposes, please refer to EDCI 305D.
0101 **(12852)** STAFF
Tu 12:15pm-2:00pm (COL 3112)

EDCI330 *(PermReq)* **Curriculum and Instruction in Secondary Education: Foreign Language; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 413 and EDHD 420; and EDCI 390. For education majors only.*
0101 **(12861)** De Lorenzo, W.
W 4:15pm-7:00pm (EDU 1315)

EDCI340 *(PermReq)* **Curriculum and Instruction in Secondary Education: English/ Speech/ Theatre; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 413 and EDHD 420; and EDCI 390. Corequisite: EDCI 447. For education majors only.* Secondary English/speech/drama education majors only.
0101 **(12871)** McKillop, A.
MW 2:00pm-3:15pm (EDU 0114)

EDCI342A *(PermReq)* **Curriculum and Instruction in Elementary Education: Language Arts; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 352A, 362A, 372A, and 322A. For registration purposes, please refer to EDCI 305A.
0101 **(12881)** Comas, J.
M 10:30am-12:20pm (EDU 1121)
Time and room to be arranged Lab

EDCI342B *(PermReq)* **Curriculum and Instruction in Elementary Education: Language Arts; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 352B, 362B, 372B, 322B. For registration purposes, please refer to EDCI 305B.
0101 **(12891)** O'Flahavan, J.
Tu 1:00pm-2:50pm (EDU 1121)
Time and room to be arranged Lab

EDCI342C *(PermReq)* **Curriculum and Instruction in Elementary Education: Language Arts; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322C, 352C, 362C, and 372C. For registration purposes, please refer to EDCI 305C.
0101 **(12901)** Fasulo, E.
W 1:00pm-2:50pm (EDU 0202)
Time and room to be arranged Lab

EDCI342D *(PermReq)* **Curriculum and Instruction in Elementary Education: Language Arts; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322D, 352D, 362D, and 372D. For registration purposes, please refer to EDCI 305D.
0101 **(12902)** Gambrell, L.
Th 10:00am-11:50am (EDU 2102)

EDCI350 Curriculum and Instruction in Secondary Education: Mathematics; (3) REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 413 and EDHD 420; and EDCI 390; and six semester hours of 400-level mathematics courses. Corequisite: EDCI 355. For education majors only.* Secondary math education majors only.
0101 **(12911)** Fey, J.
TuTh 2:00pm-3:15pm (EDU 2121)

EDCI352A *(PermReq)* **Curriculum and Instruction in Elementary Education: Mathematics; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department; and MATH 210; and MATH 211. Corequisites: EDCI 322; and EDCI 342; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322A, EDCI 342A, EDCI 362A, EDCI 372A. For registration purposes, please refer to EDCI 305A.
0101 **(12921)** Wuertzer Magner, J.
W 9:30am-11:20am (EDU 2121)
Time and room to be arranged Lab

EDCI352B *(PermReq)* **Curriculum and Instruction in Elementary Education: Mathematics; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department; and MATH 210; and MATH 211. Corequisites: EDCI 322; and EDCI 342; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322B, EDCI 342B, EDCI 362B, EDCI 372B. For registration purposes, please refer to EDCI 305B.
0101 **(12931)** Strutchens, M.
Th 9:30am-11:20am (EDU 2121)
Time and room to be arranged Lab

EDCI352C *(PermReq)* **Curriculum and Instruction in Elementary Education: Mathematics; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department; and MATH 210; and MATH 211. Corequisites: EDCI 322; and EDCI 342; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322C, EDCI 342C, EDCI 362C and EDCI 372C. For registration purposes, please refer to EDCI 305C.
0101 **(12941)** Handel, B.
M 9:30am-11:20am (EDU 2121)
Time and room to be arranged Lab

EDCI352D *(PermReq)* **Curriculum and Instruction in Elementary Education: Mathematics; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department; and MATH 210; and MATH 211. Corequisites: EDCI 322; and EDCI 342; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322D, 342D, 362D, and 372D. For registration purposes, please refer to EDCI 305D.
0101 **(12942)** Wallace, A.
Tu 9:30am-11:20am (EDU 2121)

EDCI355 *(PermReq)* **Field Experience in Secondary Mathematics Education; (1)** S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 390; and six semester hours of 400-level mathematics courses. Corequisite: EDCI 350. For education majors only.* Students must reserve one half day (or a minimum of three hours) per week for observation.
0101 **(12951)** Fey, J.
Time and room to be arranged Lab

EDCI362A *(PermReq)* **Curriculum and Instruction in Elementary Education: Reading; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322A, 342A, 352A, 372A. For registration purposes, please refer to EDCI 305A.
0101 **(12961)** Codling, R.
M 1:00pm-2:50pm (EDU 1107)
Time and room to be arranged Lab

EDCI362B *(PermReq)* **Curriculum and Instruction in Elementary Education: Reading; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322B, 342B, 352B, 372B. For registration purposes, please refer to EDCI 305B.
0101 **(12971)** Afflerbach, P.
Tu 10:00am-11:50am (EDU 3315)
Time and room to be arranged Lab

EDCI362C *(PermReq)* **Curriculum and Instruction in Elementary Education: Reading; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322C, EDCI 342C, EDCI 352C and EDCI 372C. For registration purposes, please refer to EDCI 305C.
0101 **(12981)** Mazzoni, S.
W 8:30am-10:20am (EDU 2212)
Time and room to be arranged Lab

EDCI362D *(PermReq)* **Curriculum and Instruction in Elementary Education: Reading; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322D, 342D, 352D, and 372D. For registration purposes, please refer to EDCI 305D.
0101 **(12982)** Koskinen, P.
Th 12:30pm-2:20pm (EDU 3236)

EDCI370 *(PermReq)* **Curriculum and Instruction in Secondary Education: Science; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 413 and EDHD 420; and EDCI 390. For education majors only.* Reserve one day per week for school observations. Secondary education science majors only.
0101 **(12991)** Holliday, W.
TuTh 2:00pm-3:15pm (EDU 2212)

EDCI372A *(PermReq)* **Curriculum and Instruction in Elementary Education: Science; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362. For elementary education majors only.* Teamed with EDCI 322A, 342A, 352A, 362A. For registration purposes, please refer to EDCI 305A.
0101 **(13001)** McGinnis, J.
W 1:00pm-2:50pm (EDU 2212)
Time and room to be arranged Lab

EDCI372B *(PermReq)* **Curriculum and Instruction in Elementary Education: Science; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362. For elementary education majors only.* Teamed with EDCI 322B, 342B, 352B, 362B. For registration purposes, please refer to EDCI 305B.
0101 **(13011)** van Zee, E.
Tu 8:00am-9:50am (EDU 2212)
Time and room to be arranged Lab

EDCI372C *(PermReq)* **Curriculum and Instruction in Elementary Education: Science; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362. For elementary education majors only.* Teamed with EDCI 322C, 342C, 352C, and 362C. For registration purposes, please refer to EDCI 305C.
0101 **(13021)** Holliday, W.
W 10:30am-12:20pm (EDU 2212)
Time and room to be arranged Lab

EDCI372D *(PermReq)* **Curriculum and Instruction in Elementary Education: Science; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362. For elementary education majors only.* Teamed with EDCI 322D, 342D, 352D, and 362D. For registration purposes, please refer to EDCI 305D.
0101 **(13022)** STAFF
Th 8:00am-9:50am (EDU 2212)

EDCI385 Computers for Teachers; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA. For education majors only. Credit will be granted for only one of the following: EDCI 385; or EDCI 487; or EDIT 406; or EDIT 477; or EDSP 480.*
0101 **(13031)** STAFF
M 8:30am-9:45am (EDU 0202)
W 8:30am-9:45am (CSS 1410)
0201 **(13032)** Gordon, C.
Tu 12:30pm-1:45pm (EDU 0206)
Th 12:30pm-1:45pm (CSS 1410) Lab
0301 **(13033)** STAFF
Tu 2:00pm-3:15pm (EDU 0206)
Th 2:00pm-3:15pm (CSS 1410)

EDCI386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

EDCI390 Principles and Methods of Secondary Education; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA. Corequisites: EDHD 413 and EDHD 420. For education majors only.* Open to secondary education majors. Open also to majors 0808P.
0101 **(13078)** McCaleb, J.
M 4:15pm-7:00pm (EDU 0114)
0301 **(13079)** Munyer, J.
Tu 1:00pm-4:00pm (EDU 0202)

EDCI397 Principles and Methods of Teaching in Elementary Schools; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA. For education majors only.*
0101 **(13089)** Kortecamp, K.
TuTh 12:30pm-1:45pm (EDU 4233)
0201 **(13090)** Leipzig, D.
MW 11:00am-12:15pm (EDU 2119)
0301 **(13091)** Kortecamp, K.
TuTh 2:00pm-3:15pm (EDU 2119)

EDCI401 Student Teaching in Elementary School: Art; (4-8) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 300. For art education majors only.* There is a $240 fee assigned to this course.
0101 **(13101)** Hendricks, S.
Time and room to be arranged
Time and room to be arranged Lab

EDCI402 Student Teaching in Secondary Schools: Art; (2-8) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 300. For art education majors only.* There is a $240 fee assigned to this course.
0101 **(13111)** Hendricks, S.
W 4:15pm-7:00pm (TWS 2228)

EDCI406 *(PermReq)* **Computers, Art and Chaos Theory; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(13121)** Hendricks, S.
Tu 9:00am-11:00am (EDU 1315)
Th 9:00am-11:00am (Arranged) Lab

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; (3) REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 320 or EDCI 321. Corequisite: EDCI 421 or EDCI 422.*
0101 **(13131)** Johnson, D.
M 4:00pm-7:00pm (ASY 3215)

EDCI421 Student Teaching in Secondary Schools: Social Studies/ History; (12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 320. Corequisite: EDCI 420.* There is a $240 fee assigned to this course.
0101 **(13141)** Cirrincione, J.
Time and room to be arranged

EDCI426 Methods of Teaching Social Studies in Secondary Schools; (3) REG/P-F/AUD. *Prerequisites: EDHD 413 and EDHD 420; and EDCI 390.* Master's certification students only.
0101 **(13151)** Weible, T.
M 4:15pm-7:00pm (JMP 2202)

EDCI428 *(PermReq)* **Field Experience in Secondary Social Studies Teaching; (1)** S-F. Co-requisite: EDCI 320. Students must reserve one half day (or a minimum of 3 hours) per week for observation.
0101 **(13161)** Cirrincione, J.
Time and room to be arranged Lab

EDCI434 Methods of Teaching English to Speakers of Other Languages; (3) REG/P-F/AUD.
0101 **(13171)** Varela, E.
Tu 4:15pm-7:00pm (TWS 0135)

EDCI438 *(PermReq)* **Field Experience in TESOL; (3)** REG/P-F/AUD.
0101 **(13181)** Varela, E.
Time and room to be arranged

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Theatre; (1) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 340. Corequisite: EDCI 441.* Meets Sept. 16, Oct. 14, Nov. 11, Dec. 2.
0101 **(13191)** McKillop, A.
W 4:15pm-5:45pm (ASY 3219)
Time and room to be arranged Lab

EDCI441 Student Teaching in Secondary Schools: English; (12) S-F. *Prerequisites: admission to teacher education program; and EDCI 340. Corequisite: EDCI 440.* There is a $240 fee assigned to this course.
0101 **(13201)** McKillop, A.
Time and room to be arranged

EDCI442 Student Teaching in Secondary Schools: Speech/English; (12) S-F. *Prerequisites: admission to teacher education program; and EDCI 340. Corequisite: EDCI 440.* There is a $240 fee assigned to this course.
0101 **(13211)** McCaleb, J.
Time and room to be arranged

EDCI443 Literature for Children and Youth; (3) REG/P-F/AUD. *For elementary education and pre-elementary education majors only.*
0101 **(13221)** Heidelbach, R.
Tu 2:00pm-5:00pm (EGR 3140)
0201 **(13222)** Holmberg, J.
Th 1:00pm-4:00pm (EDU 0212)
0301 **(13223)** Heidelbach, R.
Th 2:00pm-5:00pm (EGR 3140)

EDCI443A *(PermReq)* **Literature for Children and Youth; (3)** REG/P-F/AUD. *For elementary education and pre-elementary education majors only.* For early childhood majors only.
0201 **(13233)** Daniel, A.
Th 1:00pm-4:00pm (EDU 1121)

EDCI446 Methods of Teaching English, Speech, Theatre in Secondary Schools; (3) REG/AUD. *Prerequisites: EDHD 413 and EDHD 420; and EDCI 390; or permission of department.* Masters certification students only.
0101 **(13243)** McKillop, A.
MW 2:00pm-3:15pm (EDU 0114)

EDCI447 Field Experience in English, Speech, Theatre Teaching; (1) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 390; and EDHD 413 and EDHD 420;. Corequisite: EDCI 340. For education majors only.* Secondary English/ speech/drama education majors only. Students must reserve one half day (or a minimum of three hours) per week for observation.
0101 **(13253)** McKillop, A.
Time and room to be arranged

EDCI448 Student Teaching in Secondary Schools: Theatre/ English; (12) S-F. There is a $240 fee assigned to this course.
0101 **(13263)** McCaleb, J.
Time and room to be arranged

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; 2.5 GPA; and EDCI 350; and EDCI 457. Corequisite: EDCI 451.*
0101 **(13273)** Kahan, J.
M 4:15pm-7:00pm (TWS 2228)

EDCI451 Student Teaching in Secondary Schools: Mathematics; (12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 350; and EDCI 457. Corequisite: EDCI 450.* There is a $240 fee assigned to this course.
0101 **(13283)** Kahan, J.
Time and room to be arranged

EDCI453 *(PermReq)* **Mathematics in the Elementary School; (3)** REG/P-F/AUD. *Prerequisite: MATH 210 or equivalent.* Masters certification students only.
0101 **(13294)** Campbell, P.
TuTh 12:30pm-1:45pm (EDU 2121)

EDCI456 Teaching Mathematics to the Educationally Handicapped; (3) REG/P-F/AUD. *Prerequisites: [EDSP 331; and EDSP 332; and EDSP 333; and EDSP 443; and MATH 210] or permission of department.* For special education majors only.
0101 **(13304)** Graeber, A.
MW 1:15pm-2:30pm (EDU 2121)

EDCI460 *(PermReq)* **Student Teaching: Elementary/Middle; (15)** S-F. *Prerequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For Elementary Education majors only.* Limited to students in MCTP. Prerequisite: admission to teacher education program, and a 2.5 GPA, and permission of department. There is a $240 fee assigned to this course.
0101 **(13314)** Graeber, A.
Time and room to be arranged

EDCI463 Reading in the Secondary School; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; or permission of department required for post-baccalaureate students. For education majors only.*
0101 **(13324)** Saracho, O.
W 4:15pm-7:00pm (JMZ 2206)

EDCI464 Reading Instruction and Diagnosis Across Content Areas; (3) REG/P-F/AUD. *Prerequisite: EDCI 362 or permission of department for graduate students.*
0101 **(13334)** Chambliss, M.
Tu 4:15pm-7:00pm (EDU 2101)
Section 0101 is for Team B students only.

0201 **(13335)** Codling, R.
Th 4:15pm-7:00pm (EDU 3236)

EDCI467 Teaching Writing; (3) REG/P-F/AUD. *Prerequisites: EDHD 413, EDHD 420, and EDCI 390; permission of department required for post-baccalaureate students.*
0101 **(13345)** Slater, W.
Tu 4:15pm-7:00pm (JMZ 2120)

EDCI473 Environmental Education; (3) REG/P-F/AUD.
0101 **(13355)** Heyde, R.
W 4:15pm-7:00pm (EDU 2212)

EDCI481 Student Teaching: Elementary; (12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. Corequisite: EDCI 464.* Limited to elementary majors who have previously applied. There is a $240 fee assigned to this course.
0101 **(13365)** O'Flahavan, J.
Time and room to be arranged

EDCI484 Student Teaching in Elementary School: Music; (4-6) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and MUED 411; and MUED 420; and MUED 470; and MUED 471; and MUED 472. Corequisite: EDCI 494.* Limited to music education majors enrolled in the Department of Curriculum and Instruction who have previously applied. There is a $240 fee assigned to this course.
0101 **(13375)** Folstrom, R.
Time and room to be arranged

EDCI485 Student Teaching in Elementary School: Physical Education; (4-8) S-F. *For EDCI majors only.* Limited to majors who have previously applied. There is a $240 fee assigned to this course.
0101 **(13385)** Owens, L.
Time and room to be arranged

EDCI489 *(PermReq)* **Field Experiences in Education; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI491 Student Teaching in Secondary Schools: Health; (12) S-F. *For EDCI majors only.* There is a $240 fee assigned to this course.
0101 **(13429)** Hyde, D.
Time and room to be arranged

EDCI494 Student Teaching in Secondary Schools: Music; (2-8) S-F. *For EDCI majors only.* There is a $240 fee assigned to this course.
0101 **(13439)** Folstrom, R.
Time and room to be arranged

EDCI495 Student Teaching in Secondary Schools: Physical Education; (2-8) S-F. *For EDCI majors only.* There is a $240 fee assigned to this course.
0101 **(13449)** Owens, L.
Time and room to be arranged

EDCI498 *(PermReq)* **Special Problems in Teacher Education; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI498J Special Problems in Teacher Education: Learning In Biology Seminar; (1) REG.
0101 **(13494)** STAFF
Time and room to be arranged

EDCI635 English Grammar for Teachers of English to Speakers of Other Languages; (3) REG/AUD. *Prerequisite: EDCI 434 or EDCI 630, or permission of department.*
0101 **(13514)** Varela, E.
W 4:15pm-7:00pm (TWS 0135)

EDCI637 Advanced Laboratory Practice in Foreign Language/ TESOL Education; (2-6) REG/AUD. *Prerequisites: EDCI 434; and EDCI 634; or permission of department.* There is a $240 fee assigned to this course.
0101 **(13515)** Varela, E.
Time and room to be arranged

EDCI650 Trends in Mathematics Education; (3) REG/AUD.
0101 **(13524)** Cooper, D.
W 4:15pm-7:00pm (EDU 2121)

EDCI660 Diagnostic Reading Instruction; (3) REG/AUD. *Prerequisite: EDCI 362 or EDCI 463 or equivalent.*
0101 **(13534)** Chambliss, M.
M 4:15pm-7:00pm (EDU 0206)

EDCI663 Issues in Reading Education; (3) REG/AUD. *Prerequisite: EDCI 660.*
0101 **(13544)** Dreher, M.
Th 4:15pm-7:00pm (EDU 2102)

EDCI664 Clinical Assessment in Reading; (3) REG/AUD. *Prerequisites: [EDCI 660; and EDCI 661; and EDCI 663] or permission of department.*
0101 **(13554)** Codling, R.
Tu 4:15pm-7:00pm (JMZ 1122)

EDCI670 Trends in School Curriculum: Science; (3) REG/AUD.
0101 **(13564)** van Zee, E.
Tu 4:15pm-7:00pm (EDU 2212)

EDCI673 Assessing, Diagnosing, and Teaching Writing; (3) REG/AUD. *Prerequisite: EDCI 467 or equivalent; or permission of instructor.*
0101 **(13574)** Slater, W.
Th 7:00pm-9:45pm (EDU 2102)

EDCI682 Proseminar in Professional Development; (3) REG/AUD.
0101 **(13584)** Valli, L.
W 4:15pm-7:00pm (EDU 2101)

EDCI684 Introduction to Field Methods in School and Community; (3) REG/AUD.
0101 **(13594)** Price, J.
Th 4:15pm-7:00pm (ASY 3219)

EDCI685 Research Methods; (3) REG/AUD.
0101 **(13604)** Saracho, O.
Tu 4:15pm-7:00pm (EDU 0210)

EDCI693 *(PermReq)* **Research on Effective Teaching; (3)** REG. *Prerequisite: permission of department.* Masters certification students only.
0101 **(13624)** McCaleb, J.
Th 9:00am-12:00pm (EDU 0202)
0201 **(13625)** Price, J.
Th 9:00am-12:00pm (EDU 0114)

EDCI695 Teaching Science and Social Studies through Environmental Study; (3) REG/AUD. *For EDCI majors only.*
0101 **(13635)** McGinnis, J.
M 1:30pm-4:15pm (EDU 2212)

EDCI730 *(PermReq)* **Theory and Research in Second Language Teaching, Learning and Assessment; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(13655)** De Lorenzo, W.
M 4:15pm-7:00pm (EDU 2101)

EDCI769 Theory and Research in Reading; (3) REG/AUD.
0101 **(13665)** Dreher, M.
M 4:15pm-7:00pm (EDU 2102)

EDCI780 Theory and Research on Teaching; (3) REG/AUD.
0101 **(13675)** VanSledright, B.
Th 4:15pm-7:00pm (EDU 0202)

EDCI788 Selected Topics in Teacher Education; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI788C Selected Topics in Teacher Education: Computers in Education: Research Methods and Practice; (3) REG/AUD.
0101 **(13968)** Druin, A.
W 4:15pm-7:00pm (AVW 3180)

EDCI788G Selected Topics in Teacher Education: Proseminar; (1) REG/AUD. For Master's certification students only.
0101 **(13720)** Garin, E.
Tu 9:00am-10:00am (EDU 0114)
0201 **(13721)** Garin, E.
Tu 10:00am-11:00am (EDU 0114)
0301 **(13722)** Garin, E.
Tu 11:00am-12:00pm (EDU 0114)

EDCI788I *(PermReq)* **Selected Topics in Teacher Education: Teaching of Reading and Writing: Elementary and Secondary; (3)** REG. Masters certification students only.
0101 **(13732)** O'Flahavan, J.
M 9:00am-12:00pm (EDU 2102)
0201 **(13733)** Afflerbach, P.
M 9:00am-12:00pm (EDU 0206)

EDCI788N Selected Topics in Teacher Education: Doctoral Seminar; (1-3) REG/AUD.
0101 **(13743)** Holliday, W.
Th 7:00pm-9:00pm (EDU 0114)

EDCI798 *(PermReq)* **Special Problems in Teacher Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCI858 Seminar in Mathematics Education; (1) REG/AUD.
0101 **(13830)** Cooper, D.
F 10:00am-12:00pm (EDU 2121)
Time and room to be arranged Dis

EDCI880 *(PermReq)* **Doctoral Proposal Seminar; (3)** REG/AUD. *Prerequisites: EDCI 685; and EDCI 780; and permission of department.*
0101 **(13840)** Davidson, N.
W 4:15pm-7:00pm (EDU 1210B)

EDCI888 *(PermReq)* **Apprenticeship in Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI888A *(PermReq)* **Apprenticeship in Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. There is a $240 lab fee assigned to this course.

EDCI889 *(PermReq)* **Internship in Education; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP Education Counseling and Personnel Services (Education)

All sections of EDCP 108, except EDCP 108J and 108R, closed to seniors.

EDCP108B College and Career Advancement: Concepts and Skills: Reading and Study Skills; (1) REG/P-F/AUD.
0101 **(14016)** Van Brunt, J.
Meets 08/31/98-10/15/98
MWF 9:00am-9:50am (KEY 0102)
0201 **(14017)** Van Brunt, J.
Meets 10/19/98-12/09/98
MWF 9:00am-9:50am (KEY 0102)
0301 **(14018)** Van Brunt, J.
Meets 10/19/98-12/09/98
MWF 12:00pm-1:00pm (SHM 2102)

EDCP108D College and Career Advancement: Concepts and Skills: Career Planning and Decision Making; (1) REG/P-F/AUD. Recommended for second semester freshmen and sophomores.
0101 **(14028)** STAFF
M 1:00pm-3:00pm (EDU 0202)
0201 **(14029)** STAFF
M 10:00am-12:00pm (EDU 0114)
0301 **(14030)** STAFF
M 2:00pm-4:00pm (EDU 0206)
0401 **(14031)** STAFF
W 1:00pm-3:00pm (HBK 0123)
0501 **(14032)** STAFF
W 10:00am-12:00pm (EDU 0206)
0601 **(14033)** STAFF
Tu 10:00am-12:00pm (COL 3110)
0701 **(14034)** STAFF
Tu 1:00pm-3:00pm (ZOP 1232)

EDCP108K *(PermReq)* **College and Career Advancement: Concepts and Skills: Reading at the College Level; (1)** REG/P-F/AUD. Permission of instructor. Recommended for students with learning disabilities.
0101 **(14044)** Hayeslip, M.
W 3:00pm-3:50pm (HBK 0125)

EDCP108L College and Career Advancement: Concepts and Skills: Listening and Note-Taking; (1) REG/P-F/AUD.
0101 **(14054)** Davis, T.
W 9:00am-11:00am (EDU 0202)

EDCP108M College and Career Advancement: Concepts and Skills: Math Study Skills and Building Confidence; (1) REG/AUD. Enrollment limited to students concurrently enrolled in MATH 001 and MATH 002.
0101 **(14064)** Pride, S.
Meets 08/31/98-10/09/98
MWF 4:00pm-4:50pm (CHM 0124)
0201 **(14065)** Shearn, E.
Meets 08/31/98-10/09/98
TuTh 9:30am-10:45am (ARM 0121)
0301 **(14066)** Miller, J.
Meets 10/19/98-12/09/98
MWF 12:00pm-12:50pm (DNC 1147A)

EDCP108N College and Career Advancement: Concepts and Skills: Minority Students; (1) REG.
0101 **(14076)** Bass, D.
M 2:00pm-3:00pm (HBK 0125)
0102 **(14077)** Zeigler, R.
M 3:00pm-4:00pm (HBK 0123)
0105 **(14078)** STAFF
F 9:00am-10:00am (HBK 0105)
0106 **(14079)** Southerland, W.
F 10:00am-11:00am (HBK 0105)
0108 **(14080)** Zoppi, I.
Th 10:00am-11:00am (HBK 0105)
0109 **(14081)** Jackson, J.
Th 11:00am-12:00pm (HBK 0105)
0111 **(14082)** Jackson, J.
M 10:00am-11:00am (HBK 0109)
0112 **(14083)** Balon, D.
M 11:00am-12:00pm (HBK 0115)
0113 **(14084)** Graves, K.
Tu 12:00pm-1:00pm (HBK 0105)
0114 **(14085)** Smith, J.
Th 12:00pm-1:00pm (HBK 0105)
0115 **(14086)** Thomas, P.
M 1:00pm-2:00pm (HBK 1108)

EDCP108O College and Career Advancement: Concepts and Skills: The Student in the University; (1) REG. Restricted to first-year students.
0002 **(14097)** Johnston, S.
W 1:00pm-3:00pm (PLS 1162)
Section 0002 is open to all majors.

0003 **(14098)** Wawrzynski, M.
W 2:00pm-4:00pm (JMZ 1226)
Section 0003 is open to all majors.

0004 **(14099)** Wawrzynski, M.
Th 3:00pm-5:00pm (ARM 0118)
Section 0004 is open to all majors.

0101 **(14100)** Wolvin, A.
M 10:00am-12:00pm (PLS 1168)
Section 0101 is restricted to ARHU majors.

0102 **(14101)** Lavine, R.
M 9:00am-11:00am (HJP 1229)
Section 0102 is restricted to ARHU majors.

0103 **(14102)** Rutherford, C.
M 3:00pm-5:00pm (KEY 0119)
Section 0103 is restricted to ARHU majors.

0104 **(14103)** Shevlin, E.
Tu 4:00pm-6:00pm (TLF 2101)
Section 0104 is restricted to ARHU majors.

0105 **(14104)** Strauch, G.
W 3:00pm-5:00pm (KEY 0119)
Section 0105 is restricted to ARHU majors.

0106 **(14105)** Coleman, L.
Th 11:00am-1:00pm (PLS 1172)
Section 0106 is restricted to ARHU majors.

0200 **(14106)** Cidon, E.
Th 10:00am-12:00pm (EGR 2112)
Section 0200 is restricted to BSOS majors.

0201 **(14107)** Churchill, B.
Tu 2:00pm-4:00pm (KEY 0124)
Section 0201 is restricted to BSOS majors.
Recommended for Criminal Justices majors.

0203 **(14109)** LaSota, S.
Th 1:00pm-3:00pm (ARM 0101)
Section 0203 is restricted to BSOS majors.
Recommended for Government and Poltics majors.

0204 **(14110)** STAFF
Th 3:00pm-5:00pm (TLF 1103)
Section 0204 is restricted to BSOS majors.

0205 **(14111)** Coleman, T.
M 11:00am-1:00pm (ARM 0117)
Section 0205 is restricted to BSOS majors.
Recommended for Criminal Justice majors.

0206 **(14112)** Blasingame, A.
M 1:00pm-3:00pm (LEF 1201)
Section 0206 is restricted to BSOS majors.
Recommended for students of color in BSOS.

0207 **(14113)** Witcher, J.
M 4:00pm-6:00pm (KEY 0117)
Section 0207 is restricted to BSOS majors.
Recommended for Government and Politics majors.

0208 **(14114)** Brandt, S.
W 2:00pm-4:00pm (ZOP 1234)
Section 0208 is restricted to BSOS majors.
Recommended for Psychology majors.

0301 **(14115)** Lang, S.
M 2:00pm-4:00pm (ASY 3215)
Section 0301 is restricted to BMGT majors.

0302 **(14116)** Gordon, D.
Tu 8:00am-10:00am (ARC 1101)
Section 0302 is restricted to BMGT majors.

0303 **(14117)** Horick, B.
W 3:30pm-5:30pm (SQH 1101)
Section 0303 is restricted to BMGT majors.

0304 **(51778)** Mirhadi, S.
TuTh 8:30am-9:20am (VMH 1314)
Section 0304 is restricted to BMGT majors.

0305 **(51786)** Smit, R.
Th 9:00am-11:00am (ASY 3217)
Section 0305 is restricted to BMGT majors.

0401 **(14118)** Bryant, D.
W 2:00pm-3:50pm (AVW 2328)
Section 0401 is restricted to CMPS majors in a First Year Focus Cluster.

0402 **(14119)** Chinisaz, M.
Th 2:00pm-3:50pm (JMP 1109)
Section 0402 is restricted to CMPS majors in a First Year Focus Cluster.

0501 **(14120)** Angeletti, K.
W 11:00am-1:00pm (EDU 0202)
Section 0501 is restricted to Education majors.

0502 **(51784)** Jensen, D.
W 3:00pm-5:00pm (TWS 2212)
Section 0502 is restricted to Education majors.

0503 **(51785)** Cornell-Demoss, J.
Th 12:00pm-2:00pm (EGR 3102)
Section 0503 is restricted to Education majors.

0601 **(14172)** Saddler-Assem, L.
M 2:00pm-4:00pm (EGR 1110)
Section 0601 is restricted to Engineering majors.

0602 **(14173)** McKenzie, M.
Tu 10:00am-11:50am (EGR 3114)
Section 0601 is restricted to Engineering majors in a First Year Focus Cluster.

0603 **(14174)** Lindsley, K.
W 2:00pm-3:30pm (EGR 3102)
Section 0603 is restricted to transfer Engineering majors.

0701 **(14121)** Wawrzynski, M.
W 3:00pm-5:00pm (JMZ 3205)
Section 0701 is restricted to Journalism majors.

0702 **(14122)** Reid, O.
M 3:00pm-5:00pm (KEY 0125)
Section 0702 is restricted to Journalism majors.

0801 **(14123)** Cooper, D.
M 1:00pm-3:00pm (SYM 1308)
Section 0801 is restricted to Letters and Sciences students.

0802 **(14124)** George, D.
M 2:00pm-4:00pm (ARM 0101)
Section 0802 is restricted to Letters and Sciences students.

0803 **(14125)** Japal, W.
M 3:00pm-5:00pm (JMZ 2123)
Section 0803 is restricted to Letters and Sciences students.

0804 **(14126)** STAFF
M 3:00pm-5:00pm (JMZ 0120)
Section 0804 is restricted to Letters and Sciences students.

0805 **(14127)** Blankenship, K.
Tu 10:00am-12:00pm (JMP 2202)
Section 0805 is restricted to Letters and Sciences students.

0806 **(14128)** STAFF
Tu 10:00am-12:00pm (ZOP 1234)
Section 0806 is restricted to Letters and Sciences students.

0807 **(14129)** STAFF
Tu 10:00am-12:00pm (ASY 3217)
Section 0807 is restricted to Letters and Sciences students.

0808 **(14130)** Blackburn, J.
Tu 1:00pm-3:00pm (COL 3109)
Section 0808 is restricted to Letters and Sciences students.

0809 **(14131)** Gleason, T.
Tu 2:00pm-4:00pm (ARM 0118)
Section 0809 is restricted to Letters and Sciences students.

0810 **(14132)** STAFF
Tu 2:00pm-4:00pm (HBK 0125)
Section 0810 is restricted to Letters and Sciences students.

EDCP108O cont'd

0811 (14133) Forrest, S.
Tu 2:00pm-4:00pm (JMZ 0103)
Section 0811 is restricted to Letters and Sciences students.

0813 (14135) STAFF
W 9:00am-11:00am (ZOP 1234)
Section 0813 is restricted to Letters and Sciences students.

0814 (14136) STAFF
W 10:00am-12:00pm (SYM 1308)
Section 0814 is restricted to Letters and Sciences students.

0815 (14137) Moorman, Z.
W 1:00pm-3:00pm (HBK 0125)
Section 0815 is restricted to Letters and Sciences students.

0816 (14138) STAFF
W 1:00pm-3:00pm (LEF 1220)
Section 0816 is restricted to Letters and Sciences students.

0817 (14139) Tenley, L.
W 2:00pm-4:00pm (ARM 0101)
Section 0817 is restricted to Letters and Sciences students.

0818 (14140) Bradley, L.
W 2:00pm-4:00pm (HBK 1112)
Section 0818 is restricted to Letters and Sciences Pre-Med students.

0819 (14141) Mercado, C.
W 2:00pm-4:00pm (HBK 0105)
Section 0819 is restricted to Letters and Sciences students.

0820 (14142) STAFF
W 3:00pm-5:00pm (JMZ 1224)
Section 0820 is restricted to Letters and Sciences students.

0821 (14143) LeVasseur, T.
W 6:00pm-8:00pm (JMZ 1124)
Section 0821 is restricted to Pre-law majors.

0822 (14144) Bixby, W.
Th 10:00am-12:00pm (MTH 0103)
Section 0822 is restricted to Letters and Sciences students

0824 (14146) STAFF
Th 12:00pm-2:00pm (ZOP 1234)
Section 0824 is restricted to Letters and Sciences students.

0825 (14147) STAFF
Th 2:00pm-4:00pm (ARC 1123)
Section 0825 is restricted to Letters and Sciences students.

0826 (14177) Shaffer, G.
Tu 7:00pm-9:00pm (ZOP 1228)
Section 0826 is restricted to Letters and Sciences students and recommended for Pre-law students.

0827 (51792) Johnson, L.
Th 10:00am-12:00pm (MTH 1311)
Section 0827 is restricted to Letters and Sciences students.

0840 (51779) Nokuri, H.
Th 11:00am-1:00pm (MTH B0429)
Restricted to students in a First Year Focus Cluster.

0841 (51780) Steen, T.
TuTh 3:00pm-4:00pm (HBK 1108)
Restricted to students in a First Year Focus Cluster.

0850 (14178) STAFF
M 10:00am-12:00pm (TWS 0138)
Restricted to students in a First Year Focus Cluster.

0851 (14179) Gnadt, S.
M 1:00pm-3:00pm (ZOP 1234)
Restricted to students in a First Year Focus Cluster.

0852 (51781) Cronin, D.
M 3:00pm-5:00pm (PLS 1146)
Restricted to students in a First Year Focus Cluster.

0853 (14180) Van Wagenen, L.
W 10:00am-12:00pm (TYD 1128)
Restricted to students in a First Year Focus Cluster.

0854 (51782) Whittemore, W.
Th 10:00am-12:00pm (JMP 2202)
Restricted to students in a First Year Focus Cluster.

0901 (14148) Arias, C.
M 2:00pm-4:00pm (ZOP 1238)
Section 0901 is restricted to Life Sciences majors.

0902 (14149) STAFF
M 2:00pm-4:00pm (SYM 0115)
Section 0902 is restricted to Life Sciences majors.

0903 (14150) Klavon, A.
Tu 9:00am-11:00am (SYM 0115)
Section 0903 is restricted to Life Sciences majors.

0904 (14151) STAFF
Tu 10:00am-12:00pm (HBK 0105)
Section 0904 is restricted to Life Sciences majors.

0906 (14153) Patrick, R.
Tu 1:00pm-3:00pm (ZOP 1234)
Section 0906 is restricted to Life Sciences majors.

0907 (14154) Harwood, W.
Tu 2:00pm-4:00pm (PLS 1115)
Section 0907 is restricted to Life Sciences majors.

0908 (14155) Loughlin, W.
Tu 2:00pm-4:00pm (SYM 0115)
Section 0908 is restricted to Life Sciences majors.

0909 (14156) Ferrick, E.
W 1:00pm-3:00pm (PLS 1184)
Section 0909 is restricted to Life Sciences majors.

0910 (14157) Thompson, K.
W 2:00pm-4:00pm (SYM 0115)
Section 0910 is restricted to Life Sciences majors.

0911 (14158) Granger, M.
Th 9:00am-11:00am (PHY 1219)
Section 0911 is restricted to Life Sciences majors.

0913 (14160) Reynolds, D.
Th 2:00pm-4:00pm (ARM 0105)
Section 0913 is restricted to Life Sciences majors.

0914 (14161) Lachman, L.
Th 2:00pm-4:00pm (SYM 0115)
Section 0914 is restricted to Life Sciences majors.

0915 (14162) STAFF
Th 9:00am-11:00am (JMP 2201)
Section 0915 is restricted to Life Sciences majors.

0916 (14163) Bodison, S.
Th 2:00pm-4:00pm (ASY 3221)
Section 0916 is restricted to Life Sciences majors.

0917 (14164) Hayes-Klosteridis, J.
MF 12:00pm-12:50pm (SYM 0115)
Permission required. Section 0917 is restricted to Life Sciences majors.

1001 (14165) Bowman, J.
MW 9:00am-10:00am (COL 0100)
Section 1001 is restricted to Intercollegiate (NCAA) Athletes.

1002 (14166) Pearman, D.
M 7:00pm-9:00pm (COL 0100)
Section 1002 is restricted to Intercollegiate (NCAA) Athletes.

1003 (14167) Heiser, W.
TuTh 11:00am-12:00pm (COL 0100)
Section 1003 is restricted to Intercollegiate (NCAA) Athletes.

1004 (14168) Lowe, H.
Tu 7:00pm-9:00pm (COL 0100)
Section 1004 is restricted to Intercollegiate (NCAA) Athletes.

1005 (14175) Marlowe, D.
Th 8:00am-10:00am (COL 3112)
Section 1005 is restricted to Intercollegiate (NCAA) Athletes.

1101 (14169) O'Dea, M.
Tu 1:00pm-3:00pm (JMP 2202)
Section 1101 is restricted to Architecture majors.

1102 (14170) Hill, J.
Tu 3:00pm-5:00pm (TLF 1103)
Section 1102 is restricted to Architecture majors.

1103 (14171) O'Dea, M.
Th 2:00pm-4:00pm (ARC 1127)
Section 1103 is restricted to Architecture majors.

EDCP108R College and Career Advancement: Concepts and Skills: Returning Students; (1) REG/P-F/AUD.
0101 (14181) Greenfeig, B.
W 1:00pm-3:00pm (EDU 1210B)
0201 (14182) Goldberg, B.
Th 12:30pm-2:30pm (HBK 0125)

EDCP108T College and Career Advancement: Concepts and Skills: Time Management; (1) REG/P-F/AUD.
0101 (14192) Goldberg, B.
M 11:00am-1:00pm (SYM 1308)

EDCP108W College and Career Advancement: Concepts and Skills; (1) REG/P-F/AUD.
0101 (14202) STAFF
F 10:00am-12:00pm (EDU 0210)

EDCP108X College and Career Advancement: Concepts and Skills: Academic Skills for International Students; (1) REG/P-F/AUD.
0101 (14212) Friesen, F.
Th 3:15pm-4:30pm (LEF 1220)

EDCP210+ Introduction to Counseling; (3) REG/P-F/AUD. Restricted to students in a First Year Focus Cluster.
0101 (14213) Pope-Davis, D.
W 10:00am-1:00pm (EDU 3233)

EDCP310 Peer Counseling Theory and Skills; (3) REG.
0101 (14222) STAFF
TuTh 9:30am-10:45am (EDU 3236)
0301 (14223) STAFF
W 4:15pm-7:00pm (ASY 3221)

EDCP310A *(PermReq)* Peer Counseling Theory and Skills; (3) REG. Minority peer counseling. Instructor permission required.
0101 (14233) Cothran, M.
W 2:00pm-4:45pm (HBK 1116)

EDCP317 Introduction to Leadership; (3) REG/P-F/AUD.
0101 (14243) STAFF
TuTh 9:30am-10:45am (JMZ 1226)
0201 (14244) STAFF
TuTh 11:00am-12:15pm (EDU 3236)
0301 (14245) STAFF
TuTh 2:00pm-3:15pm (HBK 0123)
0401 (14246) STAFF
MW 11:00am-12:15pm (EDU 3236)
0501 (14247) Slack, C.
MW 2:00pm-3:15pm (JMZ 2117)

EDCP386 *(PermReq)* Experiential Learning; (3) REG. *Prerequisite: permission of department. 56 semester hours.*
0101 (14255) Komives, S.
Time and room to be arranged
3301 (14858) Milem, J.
Time and room to be arranged
4801 (14859) Holcomb-Mccoy, C.
Time and room to be arranged

EDCP417 *(PermReq)* Advanced Leadership Seminar; (3) REG/P-F/AUD. *Prerequisite: EDCP 317 or equivalent; permission of department.*
0101 (14256) STAFF
Tu 1:15pm-4:00pm (JMZ 0125)

EDCP418 *(PermReq)* Special Topics in Leadership; (3) REG/P-F/AUD.
0101 (14257) Dula, B.
TuTh 2:00pm-3:15pm (HBK 0105)

EDCP418A *(PermReq)* Special Topics in Leadership: Leadership and Ethnicity; (3) REG/P-F/AUD.
0101 (14265) Dula, B.
TuTh 2:00pm-3:15pm (JMZ 1224)

EDCP420 Education and Racism; (3) REG/AUD. DIVERSITY
0101 (14275) Sedlacek, W.
M 4:15pm-7:00pm (EDU 1121)

EDCP461 Psycho-Social Aspects of Disability; (3) REG/AUD.
0101 (14285) Power, P.
Th 4:15pm-7:00pm (EDU 4233)

EDCP489 *(PermReq)* Field Experiences in Counseling and Personnel Services; (1-4) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP498 *(PermReq)* Special Problems in Counseling and Personnel Services; (1-3) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP498A Special Problems in Counseling and Personnel Services: Education and Counseling Issues Among Asian Americans; (3) REG.
0101 (14334) McEwen, M.
Tu 1:00pm-4:00pm (EDU 3236)

EDCP499L *(PermReq)* Workshops, Clinics, Institutes: Preparation to Lead Relationship Skills Workshops; (3) REG/P-F/AUD.
0201 (14344) Mielke, P.
Time and room to be arranged

EDCP610C Professional Orientation; (3) REG/AUD. Limited to community counseling students.
0101 (14354) Hershenson, D.
W 4:15pm-7:00pm (JMZ 2207)

EDCP610R Professional Orientation; (3) REG/AUD. Limited to rehabilitation counseling students.
0101 (14364) Fabian, E.
W 4:15pm-7:00pm (EDU 3236)

EDCP610S Professional Orientation; (3) REG/AUD. Limited to school counseling students.
0101 (14374) Greenberg, K.
W 4:15pm-7:00pm (EDU 0206)

EDCP610U Professional Orientation; (3) REG. Limited to college student personnel students.
0101 (14384) Komives, S.
W 3:15pm-6:00pm (EDU 0202)

EDCP612 Multicultural Issues in Counseling and Personnel Services; (3) REG/AUD. *Prerequisites: EDMS 646; and EDCP 616; or permission of department.*
0201 (14394) Pope-Davis, D.
Tu 1:00pm-4:00pm (JMZ 1124)

EDCP614 Personality Theories in Counseling and Personnel Services; (3) REG/AUD.
0101 (14404) Holcomb-Mccoy, C.
Th 4:15pm-7:00pm (EDU 1210B)

EDCP616 *(PermReq)* Counseling II: Theory and Practice; (3) REG/AUD. *Prerequisite: EDCP 615. Corequisite: EDCP 618.*
0101 (14414) Strein, W.
Tu 4:15pm-7:00pm (EDU 1121)
0201 (14415) STAFF
Tu 4:15pm-7:00pm (EDU 1121)

EDCP618 Counseling Skills: Introduction to Practicum; (1) REG. Corequisite: EDCP 616.
0101 (14425) Hoffman, M.
M 7:00pm-9:00pm (EDU 1121)
0201 (14426) Hoffman, M.
M 7:00pm-9:00pm (EDU 0212)

EDCP619C *(PermReq)* Practicum in Counseling; (3) REG/AUD. Limited to community counseling majors.
0101 (14436) Power, P.
Tu 10:00am-12:00pm (EDU 0210)

EDCP619R Practicum in Counseling; (2-6) REG/AUD. Rehabilitation students only.
0101 (14446) Fabian, E.
Tu 4:15pm-7:00pm (JMZ 1120)

EDCP619U Practicum in Counseling; (3) REG. Limited to CSPA majors. Prerequisites: EDCP 616 and EDCP 615.
0101 (14456) Boyd, V.
Th 2:00pm-5:00pm (JMZ 1109)
0201 (14457) Kandell, J.
M 2:00pm-5:00pm (JMZ 1120)

EDCP632 Cognitive Assessment; (3) REG/AUD. *Prerequisite: Limited to school psychology students or permission of department.*
0101 (14467) Strein, W.
M 1:00pm-4:00pm (EDU 0210)

EDCP634 Diagnostic Appraisal of Children II; (3) REG. *Prerequisite: EDCP 633. Corequisite: EDCP 738.*
0101 (14477) Teglasi-Golubcow, H.
Tu 9:30am-12:15pm (EDU 0202)

EDCP635 School Consultation I; (3) REG/AUD. *Prerequisite: limited to school psychology students or permission of instructor.*
0101 (14487) Rosenfield, S.
W 3:15pm-6:00pm (Arranged)

EDCP651 Group Counseling in Schools; (3) REG/AUD. *Prerequisite: EDCP 616. For school counseling and school psychology students only or permission of instructor.*
0101 (14497) Greenberg, K.
Tu 4:15pm-7:00pm (EDU 2102)

EDCP656 Counseling and Personnel Services Seminar; (2) REG. Limited to first year CSPA students only.
0101 (14507) Komives, S.
Tu 2:00pm-4:45pm (JMZ 1103)

EDCP715 Appraisal Measures in Counseling; (3) REG/AUD.
0101 (14517) Power, P.
Tu 4:15pm-7:00pm (JMZ 1104)

EDCP738 Practicum in Child Assessment; (3) REG/AUD.
0101 (14527) Teglasi-Golubcow, H.
Th 9:00am-12:15pm (EDU 0206)

EDCP740 Issues and Methods in Counselor Education; (3) REG/AUD. *Doctoral standing.*
0101 (14537) Hershenson, D.
Tu 1:00pm-4:00pm (EDU 0210)

EDCP777 *(PermReq)* Modification of Human Behavior: Laboratory and Practicum; (3) REG/AUD. *Prerequisites: EDCP 776 and permission of department.*
0101 (14547) Fassinger, R.
Tu 3:00pm-6:00pm (JMZ 2122)

EDCP789I Advanced Topics in Counseling and Personnel Services: Professional Issues in Counseling Psychology; (1) REG. Limited to counseling PSYC majors.
0101 (14567) Hoffman, M.
Tu 11:00am-12:45pm (EDU 2102)
0201 (14568) Pope-Davis, D.
Tu 11:00am-12:45pm (EDU 2101)

EDCP789L Advanced Topics in Counseling and Personnel Services: Doctoral Seminar in Professional Issues; (1) REG. Limited to CSP doctoral students.
0101 (14578) Bagwell, D.
Tu 3:00pm-5:00pm (Arranged)

EDCP789P Advanced Topics in Counseling and Personnel Services: School Psychology Seminar; (1) REG.
0101 (14588) Rogers, M.
Tu 1:00pm-3:00pm (EDU 1210B)
Section 0101 is for first year School Psychology students only.
0201 (14589) Rogers, M.
Tu 10:00am-12:00pm (EDU 0206)
Section 0201 is for second and third year School Psychology students.

EDCP789T Advanced Topics in Counseling and Personnel Services: Sex and Gender in Counseling Research Practice; (3) REG/AUD.
0101 (14599) Fassinger, R.
Th 3:00pm-6:00pm (JMZ 1103)

EDCP789U *(PermReq)* Advanced Topics in Counseling and Personnel Services: Capstone Seminar; (3) REG/AUD. Limited to advanced CSP doctoral students.
0101 (14609) Thomas, W.
W 4:15pm-7:00pm (COL 3111)

EDCP789V Advanced Topics in Counseling and Personnel Services: Advanced Student Development Theory; (3) REG/AUD.
0101 (14619) McEwen, M.
M 4:15pm-7:00pm (EDU 1210B)

EDCP798 *(PermReq)* Special Problems in Counseling and Personnel Services; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP888 *(PermReq)* Apprenticeship in Counseling and Personnel Services; (1-8) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCP888G Apprenticeship in Counseling and Personnel Services: School Counseling; (3) REG. For school counseling students.
0101 (14739) Holcomb-Mccoy, C.
Th 4:15pm-7:00pm (COL 3112)

EDCP888R *(PermReq)* Apprenticeship in Counseling and Personnel Services; (3) REG/AUD. For second year Rehabilitation Counseling students only.
0101 (14749) Scales, W.
M 7:00pm-9:45pm (EDU 0210)

EDCP888S Apprenticeship in Counseling and Personnel Services: School Psychology; (1-8) REG/AUD. For school psychology students only.
0101 (14759) Rogers, M.
Tu 4:30pm-6:30pm (TWS 2212)

EDCP888U Apprenticeship in Counseling and Personnel Services: College Student Personnel Administration Apprenticeship; (3) REG/AUD.
0101 (14769) Milem, J.
M 4:15pm-7:00pm (TWS 2212)

EDCP889 Internship in Counseling and Personnel Services: School Psychology; (1-8) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCP899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDHD Education, Human Development (Education)

EDHD230 Human Development and Societal Institutions; (3) REG/AUD. CORE: SB DIVERSITY
0101 (14906) STAFF
TuTh 9:30am-10:45am (JMZ 2206)
0201 (14907) STAFF
TuTh 12:30pm-1:45pm (EDU 0114)
0301 (14908) STAFF
TuTh 11:00am-12:15pm (EDU 4233)

EDHD300E *(PermReq)* Human Development and Learning; (6) REG/P-F/AUD. *Prerequisite: admission to teacher education program.*
0201 (14918) Robertson-Tchabo, E.
MW 12:30pm-2:30pm (EDU 2102)
Tu 8:00am-1:00pm (Arranged) Lab
0301 (14919) STAFF
TuTh 9:00am-11:00am (EDU 3233)
F 8:00am-1:00pm (Arranged) Lab

EDHD305+ *(PermReq)* **Early Childhood Blocked Methods Cluster; (No credit)** NGI. Restricted to students registering for Early Childhood Blocked Methods. See individual course listings for days and times.
0101 **(14929)** STAFF
Time and room to be arranged
Section 0101 is teamed with EDCI 314 0101; EDHD 312 0101; EDHD 313 0101; EDHD 416 0101; and EDHD 419A 0101.

0201 **(14930)** STAFF
Time and room to be arranged
Section 0201 is teamed with EDCI 314 0201; EDHD 312 0201; EDHD 313 0201; EDHD 416 0101; and EDHD 419A 0101.

EDHD306 Study of Human Behavior; (3) REG/AUD.
0101 **(14940)** STAFF
TuTh 2:00pm-3:15pm (TWS 0147)
0201 **(14941)** STAFF
TuTh 9:30am-10:45am (EDU 1121)
0401 **(14942)** STAFF
MWF 10:00am-10:50am (EDU 2119)

EDHD312 *(PermReq)* **Professional Development Seminar in Early Childhood Education; (3)** REG/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 280. Corequisites: EDHD 313; and EDCI 314; and EDHD 416; and EDHD 419A. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 312 or EDCI 312. Formerly EDCI 312.*
0101 **(14952)** Galper, A.
M 1:30pm-4:00pm (EDU 0212)
For registration purposes, please refer to EDHD 305+ 0101.

0201 **(14953)** Galper, A.
M 1:30pm-4:00pm (EDU 0212)
For registration purposes, please refer to EDHD 305+ 0201.

EDHD313 *(PermReq)* **Creative Activities for Young Children; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 280. Corequisites: EDCI 314; and EDHD 312; and EDCI 488E; and EDHD 419A. For early childhood majors only. Credit will be granted for only one of the following: EDHD 313 or EDCI 313. Formerly EDCI 313.*
0101 **(14963)** Wiltz, N.
Th 10:00am-12:00pm (EDU 1107)
Time and room to be arranged Lab
For registration purposes, please refer to EDHD 305+ 0101.

0201 **(14964)** Wiltz, N.
Th 1:00pm-3:00pm (EDU 0202)
Time and room to be arranged Lab
For registration purposes, please refer to EDHD 305+ 0201.

EDHD320 Human Development through the Lifespan; (3) REG/AUD.
0101 **(14974)** STAFF
TuTh 11:00am-12:15pm (EDU 1121)
0201 **(14975)** STAFF
TuTh 12:30pm-1:45pm (EDU 3315)
0401 **(14976)** STAFF
MWF 10:00am-10:50am (EDU 3315)

EDHD386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

EDHD400 Introduction to Gerontology; (3) REG/AUD.
0101 **(15011)** Smith, G.
M 1:00pm-3:45pm (EDU 2101)

EDHD411 Child Growth and Development; (3) REG/AUD.
0101 **(15021)** STAFF
W 4:15pm-7:00pm (EDU 3233)

EDHD413 Adolescent Development; (3) REG/AUD.
0101 **(15031)** STAFF
Tu 4:15pm-7:00pm (EDU 4233)
0201 **(15032)** STAFF
TuTh 12:30pm-1:45pm (EDU 2119)
0301 **(15033)** Wigfield, A.
MWF 10:00am-10:50am (EDU 4233)
Section 0301 is for education majors only.

EDHD416 *(PermReq)* **Scientific Concepts in Human Development; (3)** REG/AUD.
0101 **(15043)** STAFF
Tu 9:00am-10:00am (EDU 4233)
Time and room to be arranged Dis
For registration purposes, please refer to EDHD 305+ 0101.

0201 **(15044)** STAFF
Time and room to be arranged

EDHD417 *(PermReq)* **Laboratory in Behavior Analysis; (3)** REG/P-F/AUD. *Prerequisite: EDHD 416.*
0101 **(15045)** Rubin, K.
Time and room to be arranged

EDHD419A *(PermReq)* **Human Development and Learning in School Settings: Infancy and Preschool; (3)** REG/AUD. Open to pre-early childhood and early childhood education majors only.
0101 **(15054)** Jones Harden, B.
Tu 10:00am-12:00pm (EDU 1107)
MW 9:00am-12:00pm (Arranged) Lab
For registration purposes, please refer to EDHD 305+.

EDHD420 Cognitive Development and Learning; (3) REG/AUD. *Prerequisite: EDHD 300 or EDHD 320 or EDHD 411 or PSYC 355 or PSYC 341 or permission of department.* Education majors only.
0101 **(15064)** Guthrie, J.
MWF 10:00am-10:50am (EDU 3236)
0201 **(15065)** STAFF
MWF 11:00am-11:50am (EDU 0212)

EDHD421 Student Teaching: Preschool; (4) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 312; and EDHD 313; and EDHD 419A; and EDHD 419B; and EDHD 416. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 421 or EDCI 411. Formerly EDCI 411.*
0101 **(15075)** Flatter, C.
Time and room to be arranged

EDHD422 Students Teaching: Kindergarten; (4) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 312; and EDHD 313; and EDHD 419A; and EDHD 419B; and EDHD 416. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 422 or EDCI 412. Formerly EDCI 412.*
0101 **(15085)** Flatter, C.
Time and room to be arranged

EDHD423 Student Teaching: Primary Grades; (8) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 312; and EDHD 313; and EDHD 419A; and EDHD 419B; and EDHD 416. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 423 or EDCI 413. Formerly EDCI 413.*
0101 **(15095)** Hardy, R.
Time and room to be arranged

EDHD430 Adolescent Violence; (3) REG/P-F/AUD. *Prerequisite: PSYC 100 or EDHD 300 or permission of department.*
0101 **(15105)** Marcus, R.
M 4:15pm-7:00pm (EDU 2119)

EDHD445 Guidance of Young Children; (3) REG/AUD. *Prerequisite: PSYC 100 or EDHD 306 or permission of department.*
0101 **(15115)** STAFF
Tu 4:15pm-7:00pm (TWS 0147)
0201 **(15116)** Marcus, R.
TuTh 2:00pm-3:15pm (EDU 3315)
0401 **(15117)** Marcus, R.
TuTh 11:00am-12:15pm (EDU 2119)

EDHD460 Educational Psychology; (3) REG/AUD. *Prerequisite: PSYC 100 or EDHD 306 or permission of department.*
0101 **(15127)** Alexander, P.
TuTh 2:00pm-3:15pm (EDU 4233)
0201 **(15128)** STAFF
Th 7:00pm-9:45pm (EDU 3236)

EDHD489 *(PermReq)* **Field Experiences in Education; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD498 *(PermReq)* **Special Problems in Education; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD600 Introduction to Human Development and Child Study; (3) REG/AUD.
0101 **(15198)** STAFF
Tu 4:15pm-7:00pm (EDU 3315)

EDHD601 Biological Bases of Behavior; (3) REG/AUD. *Pre- or corequisite: EDHD 600.*
0101 **(15208)** Bennett, S.
Th 4:15pm-7:00pm (EDU 3315)

EDHD605 Curriculum in Early Childhood Education; (3) REG/AUD. *Credit will be granted for only one of the following: EDHD 605 or EDCI 610. Formerly EDCI 610.*
0101 **(15228)** Seefeldt, C.
M 4:15pm-7:00pm (EDU 3236)

EDHD611 Cultural and Contextual Influences on the Young Child; (3) REG/S-F. *Not open to students who have completed EDCI 611. Credit will be granted for only one of the following: EDHD 611 or EDCI 611. Formerly EDCI 611.*
0101 **(15238)** Killen, M.
Tu 4:15pm-7:00pm (COL 3112)

EDHD613 Advanced Laboratory in Behavior Analysis I; (3) REG/AUD.
0101 **(15248)** Rubin, K.
W 12:15pm-3:00pm (EDU 2101)

EDHD620 Aging in the Cultural Context; (3) REG/AUD.
0101 **(15258)** Smith, G.
M 4:15pm-7:00pm (TWS 0135)

EDHD692 *(PermReq)* **Cognitive Basis of Instruction; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(15268)** STAFF
W 1:00pm-3:45pm (EDU 1107)

EDHD711 Peer-Culture and Group Processes in Human Development; (3) REG/AUD. *Pre- or corequisite: EDHD 600 or equivalent.*
0101 **(15278)** Rubin, K.
W 4:15pm-7:00pm (ASY 3215)

EDHD721 Learning Theory and the Educative Process I; (3) REG/AUD.
0101 **(15308)** Eliot, J.
Th 7:00pm-9:45pm (EDU 3315)
0201 **(15309)** Metsala, J.
W 4:15pm-7:00pm (EDU 4233)

EDHD722 Learning Theory and the Educative Process II; (3) REG/AUD. *Prerequisite: EDHD 721 or permission of department.*
0101 **(15319)** STAFF
Tu 4:15pm-7:00pm (EDU 3236)

EDHD779A Special Topics in Human Development: Advanced Seminar in Educational Psychology; (3) REG/AUD.
0101 **(15329)** Alexander, P.
Tu 4:15pm-7:00pm (ZOP 1124)

EDHD779E *(PermReq)* **Special Topics in Human Development: Developmental Lab; (3)** REG/AUD.
0101 **(15339)** Fox, N.
Time and room to be arranged

EDHD779L *(PermReq)* **Special Topics in Human Development: Laboratory in Developmental Psychophysiology; (1-3)** REG/AUD.
0101 **(15349)** Porges, S.
Time and room to be arranged
0201 **(15350)** Fox, N.
Time and room to be arranged

EDHD779M Special Topics in Human Development: Social Reasoning and Intergroup Relations; (3) REG/AUD.
0101 **(15360)** Killen, M.
Th 1:00pm-3:00pm (EDU 1108)

EDHD779N *(PermReq)* **Special Topics in Human Development: Computers in Education: Research Methods and Practice; (3)** REG/AUD.
0101 **(51699)** Druin, A.
W 4:15pm-7:00pm (AVW 3180)

EDHD780 Research Methods in Human Development; (3) REG/AUD. *Prerequisite: EDMS 651 or permission of department.*
0101 **(15370)** Byrnes, J.
M 4:15pm-7:00pm (JMZ 2120)

EDHD789 *(PermReq)* **Internship in Human Development; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD798 *(PermReq)* **Special Problems in Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors.

EDHD799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors.

EDHD800 Seminar in Early Childhood Education; (3) REG/AUD. *Credit will be granted for only one of the following: EDHD 800 or EDCI 810. Formerly EDCI 810.*
0101 **(15455)** Klein, E.
Th 4:15pm-7:00pm (TWS 0135)

EDHD810 Physical Processes in Human Development I; (3) REG/AUD. *Prerequisite: EDHD 601 or permission of department.*
0101 **(15465)** STAFF
Tu 4:15pm-7:00pm (JMZ 1215)

EDHD820 Socialization Processes in Human Development I; (3) REG/AUD. *Prerequisite: EDHD 602 or permission of department.*
0101 **(15475)** Wentzel, K.
W 4:15pm-7:00pm (EDU 0210)

EDHD830 Self Processes in Human Development I; (3) REG/AUD. *Prerequisite: EDHD 603 or permission of department.*
0101 **(15485)** Wigfield, A.
M 4:15pm-7:00pm (EDU 3233)

EDHD878 Team Research in Human Development; (3) REG/AUD.
0201 **(15496)** Wentzel, K.
Th 4:15pm-7:00pm (EDU 1121)
0301 **(15497)** Flatter, C.
Tu 4:15pm-7:00pm (JMZ 1224)

EDHD888 *(PermReq)* **Apprenticeship in Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD889 *(PermReq)* **Internship in Education; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors.

EDMS Measurement, Statistics, and Evaluation (Education)

EDMS410 Classroom Assessment; (3) REG/AUD. *Junior standing.*
0101 **(15631)** Alvestad, K.
Tu 7:00pm-9:45pm (EDU 1107)
0201 **(15632)** Fein, M.
M 1:00pm-3:45pm (EDU 3236)
0301 **(15633)** Alvestad, K.
Tu 4:15pm-7:00pm (EDU 0114)

EDMS451 Introduction to Educational Statistics; (3) REG/AUD. *Junior standing.*
0101 **(15643)** Nevitt, J.
TuTh 2:00pm-3:15pm (EDU 1107)
0201 **(15644)** Powell, D.
TuTh 5:00pm-6:15pm (COL 3111)
0301 **(15645)** Nevitt, J.
TuTh 12:30pm-1:45pm (EDU 1107)
0401 **(15646)** Berkovits, I.
MW 12:30pm-1:45pm (EDU 1315)
0501 **(15647)** Berkovits, I.
MW 2:00pm-3:15pm (EDU 1315)

EDMS623 Applied Measurement: Issues and Practices; (3) REG/AUD. *Prerequisite: EDMS 651 or permission of department.* Course is offered in the fall semester only.
0101 **(15657)** Lissitz, R.
Th 4:15pm-7:00pm (EDU 2101)

EDMS626 Measurement Techniques For Research; (3) REG/AUD. *Prerequisite: EDMS 646.*
0101 **(15667)** Johnson, C.
M 4:15pm-7:00pm (EDU 0220)

EDMS645 Quantitative Research Methods I; (3) REG/AUD.
0101 **(15677)** Macready, G.
Tu 4:15pm-7:00pm (EDU 2119)
0102 **(15678)** Johnson, C.
W 4:15pm-7:00pm (EDU 1121)
0103 **(15679)** Johnson, C.
Th 4:15pm-7:00pm (EDU 2119)
0104 **(15680)** Macready, G.
M 4:15pm-7:00pm (EDU 4233)

EDMS646 Quantitative Research Methods II; (3) REG/AUD. *Prerequisite: EDMS 645.*
0101 **(15690)** Tippets, E.
Tu 4:15pm-7:00pm (COL 3110)
0102 **(15691)** Tippets, E.
W 4:15pm-7:00pm (TWS 0147)

EDMS647 Introduction to Program Evaluation; (3) REG/AUD. *Prerequisite: EDMS 645.* Course is offered in the fall semester only.
0101 **(15701)** Katzenmeyer, C.
Tu 4:15pm-7:00pm (ASY 3219)

EDMS651 Intermediate Statistics in Education; (3) REG/AUD. *Prerequisite: EDMS 646 or equivalent.* Concurrent registration for 1 credit of EDMS 779 required for department majors.
0101 **(15711)** Dayton, C.
TuTh 5:00pm-6:15pm (EDU 1107)

EDMS657 Factor Analysis; (3) REG/AUD. *Prerequisite: EDMS 651.*
0101 **(15721)** Hancock, G.
Tu 4:15pm-7:00pm (EDU 0212)

EDMS769F Special Topics in Applied Statistics in Education: Advanced Structural Equation Modeling; (3) REG/AUD. Prerequisite: EDMS 722 or permission of instructor.
0101 **(15731)** Hancock, G.
W 4:15pm-7:00pm (EDU 2119)

EDMS779 *(PermReq)* **Seminar in Applied Statistics; (1-3)** REG/AUD. EDMS majors must sign up for one credit concurrently with EDMS 651. Concurrently with EDMS 651.
0101 **(15741)** Dayton, C.
Time and room to be arranged

EDMS798 Special Problems in Education; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDMS799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDMS889 Internship in Measurement and Statistics; (3-8) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDMS899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDPA Education Policy, Planning and Administration (Education)

EDPA301 *(PermReq)* **Foundations of Education; (3)** REG/P-F/AUD. *Prerequisite: junior standing and admission to teacher education; or Bachelor's degree with permission of department.*
0101 **(15828)** Herschbach, D.
MW 9:30am-10:45am (EDU 1107)
0201 **(15829)** Herschbach, D.
MW 11:00am-12:15pm (EDU 1107)
0301 **(15830)** Hopkins, R.
TuTh 11:00am-12:15pm (EDU 3233)
0401 **(15831)** Splaine, J.
TuTh 12:30pm-1:45pm (EDU 3233)
0501 **(15832)** Splaine, J.
TuTh 2:00pm-3:15pm (EDU 3233)
0601 **(15833)** O'Meara, K.
Tu 4:15pm-7:00pm (EDU 0220)

EDPA489 Field Experiences in Education; (1-4) REG/P-F/AUD. Interns in Education Leadership register for section 1901. All others contact department or faculty member for individual faculty section number.
1901 **(15856)** Andrews, J.
Time and room to be arranged

EDPA498 *(PermReq)* **Special Problems in Education; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDPA605 Comparative Education; (3) REG/AUD.
0101 **(15891)** Mintrop, H.
Th 4:15pm-7:00pm (EDU 3233)

EDPA613 Educational Sociology; (3) REG/AUD.
0101 **(15901)** Croninger, R.
M 7:00pm-9:45pm (EDU 2102)

EDPA620 Education Policy Analysis; (3) REG/AUD.
0101 **(15911)** Malen, B.
M 4:15pm-7:00pm (EDU 1315)

EDPA634 The School Curriculum; (3) REG/AUD.
0101 **(15921)** Selden, S.
M 7:00pm-9:45pm (EDU 2119)

EDPA635 Principles of Curriculum Development; (3) REG/AUD.
0101 **(15931)** Hultgren, F.
Tu 4:15pm-7:00pm (JMZ 1226)

EDPA650 Professional Seminar in Higher and Adult Education; (3) S-F.
0101 **(15941)** Berdahl, R.
W 7:00pm-9:45pm (EDU 3233)

EDPA653 Organization and Administration of Higher Education; (3) REG/AUD.
0101 **(15961)** Birnbaum, R.
Tu 4:15pm-7:00pm (COL 3109)

EDPA654 The Community and Junior College; (3) REG/AUD.
0101 **(15962)** STAFF
Th 7:00pm-9:45pm (EDU 3233)

EDPA679 Master's Seminar; (3) REG/AUD. Education Leadership students register for section 1201; all others contact department or faculty member for individual faculty section number.
1201 **(15977)** Goldman, H.
W 7:00pm-9:45pm (EDU 2102)

EDPA690 Research in Education Policy, Planning and Administration; (3) REG/AUD.
0101 **(16000)** Hultgren, F.
Th 7:00pm-9:45pm (EDU 2119)

EDPA741 Policy Studies in Educational Administration; (3) REG/AUD.
0101 **(16010)** Malen, B.
M 4:15pm-7:00pm (EDU 1315)

EDPA743 Leadership Theory; (3) REG/AUD. *Prerequisites: EDPA 642.*
0101 **(16020)** Goldman, H.
Th 4:15pm-7:00pm (EDU 0114)

EDPA757 College Teaching; (3) REG/AUD.
0101 **(16050)** Selden, S.
W 4:15pm-7:00pm (EDU 2102)

EDPA766 Managing Productive Schools; (3) REG/AUD. *Prerequisite: EDPA 646; or EDPA 647; or permission of department. For administration/supervision majors only.*
0101 **(16060)** Rice, J.
W 4:15pm-7:00pm (EDU 0114)

EDPA788D Special Topics in Education Policy and Administration: Education, Society, and Work; (3) REG/AUD.
0101 **(16080)** Herschbach, D.
Tu 4:15pm-7:00pm (EDU 0206)

EDPA788K Special Topics in Education Policy and Administration: The Purposes of the University; (3) REG/AUD.
0101 **(16090)** Fallon, D.
Tu 7:00pm-9:30pm (VMH 1109)

EDPA788L Special Topics in Education Policy and Administration: Organizational Change in Higher Education; (3) REG/AUD.
0101 **(16100)** Schmidtlein, F.
M 7:00pm-9:45pm (EDU 3236)

EDPA788P Special Topics in Education Policy and Administration: Academic Strategy; (3) REG/AUD.
0101 **(16101)** Presley, J.
Th 7:00pm-9:45pm (EDU 2101)

EDPA788R Special Topics in Education Policy and Administration: Educational Productivity; (3) REG/AUD.
0101 **(16110)** Rice, J.
W 4:15pm-7:00pm (EDU 0114)

EDPA798 *(PermReq)* **Special Problems in Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDPA799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDPA852 History of Ideas in Higher Education; (3) REG/AUD.
0101 **(16163)** Birnbaum, R.
M 4:15pm-7:00pm (EDU 3112)

EDPA889 *(PermReq)* **Internship in Education; (3-8)** REG/AUD. Interns in Education Leadership register in section 1901; interns in higher education in section 0501; all others contact department or faculty member for individual section number.
0501 **(16176)** Birnbaum, R.
Time and room to be arranged
1901 **(16185)** Andrews, J.
Time and room to be arranged

EDPA895 Research Critique Seminar; (3) REG/AUD.
0101 **(16202)** Schmidtlein, F.
W 4:15pm-7:00pm (TWS 0138)

EDPA899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDSP Education, Special (Education)

EDSP210 Introduction to Special Education; (3) REG/AUD.
0101 **(16286)** Malmgren, K.
MW 9:30am-11:00am (EDU 0212)

EDSP320 *(PermReq)* **Introduction to Assessment in Special Education; (3)** REG/AUD. *Prerequisite: EDSP 210. Pre- or corequisite: EDSP 321; and EDSP 322. Recommended: STAT 100 or SOCY 201. For EDSP majors only.*
0101 **(16296)** Speece, D.
MW 1:15pm-2:45pm (EDU 2119)

EDSP321 *(PermReq)* **Comparative Approaches to Behavior and Classroom Management in Special Education; (3)** REG/AUD. *Prerequisite: EDSP 210. Pre- or corequisites: EDSP 320; and EDSP 322.* For EDSP majors only.
0101 **(16306)** Egel, A.
MW 2:45pm-4:15pm (EDU 2119)

EDSP322 Field Placement in Special Education I; (3) REG/AUD. *Pre- or corequisites: EDSP 320; and EDSP 321. For EDSP majors only.* Students must reserve two half days (8-1) for this experience.
0101 **(16316)** Brown, M.
F 10:00am-12:00pm (EDU 1121)
MW 8:00am-1:00pm (Arranged) Lab
0201 **(16317)** Brown, M.
F 10:00am-12:00pm (EDU 1121)
TuTh 8:00am-1:00pm (Arranged) Lab
0301 **(16318)** Brown, M.
F 10:00am-12:00pm (EDU 1121)
MW 8:00am-1:00pm (Arranged) Lab
0401 **(16319)** Brown, M.
F 10:00am-12:00pm (EDU 1121)
TuTh 8:00am-1:00pm (Arranged) Lab

EDSP376 Fundamentals of Sign Language; (3) REG/P-F/AUD.
0101 **(16329)** Aiello, E.
MW 4:15pm-5:30pm (EDU 1107)
0201 **(16330)** Aiello, E.
MW 5:45pm-7:00pm (EDU 1107)

EDSP400 Assessment, Curriculum and Instructional Methods For Students with Severe Disabilities; (3) REG/AUD. *Corequisites: [EDSP 402 or EDSP 431] or permission of department.* Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 402 or EDSP 431.
0101 **(16340)** Kohl, F.
W 4:15pm-7:00pm (EDU 0212)

EDSP402 Field Placement: Severe Disabilities I; (4) REG/AUD. *Pre- or corequisites: [EDSP 400; and EDSP 404] or permission of department.* Students must reserve three half-days (8-1) for this experience.
0101 **(16350)** Kohl, F.
F 9:00am-10:30am (EDU 2102)
MTuW 8:00am-1:00pm (Arranged) Lab

EDSP402A Field Placement: Severe Disabilities I; (2-5) REG/AUD. *Pre- or corequisites: [EDSP 400; and EDSP 404] or permission of department.* Graduate students only. Contact department to make arrangements.
0101 **(16360)** Kohl, F.
Time and room to be arranged Lab
0201 **(16361)** Kohl, F.
Time and room to be arranged Lab
0301 **(16362)** Kohl, F.
Time and room to be arranged Lab
0401 **(16363)** Kohl, F.
Time and room to be arranged Lab

EDSP404 Education of Students with Autism; (3) REG/AUD. *Pre- or corequisites: [EDSP 400 and EDSP 402] or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 402.
0101 **(16373)** Egel, A.
M 4:15pm-7:00pm (EDU 0212)

EDSP411 Field Placement: Severe Disabilities III; (4) REG/AUD. *Prerequisite: EDSP 405. Pre- or corequisites: [EDSP 412; and (EDSP 420 or EDSP 460)] or permission of department.* Students must reserve three half-days (8-1) for this experience.
0101 **(16383)** Kohl, F.
Time and room to be arranged
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP411A Field Placement: Severe Disabilities III; (2-5) REG/AUD. *Prerequisite: EDSP 405. Pre- or corequisites: [EDSP 412; and (EDSP 420 or EDSP 460)] or permission of department.* Graduate students only. Contact department to make arrangements.
0101 **(16393)** Kohl, F.
Time and room to be arranged Lab
0201 **(16394)** Kohl, F.
Time and room to be arranged Lab
0301 **(16395)** Kohl, F.
Time and room to be arranged Lab
0401 **(16396)** Kohl, F.
Time and room to be arranged Lab

EDSP412 Vocational and Transitional Instruction for Students with Severe Disabilities; (3) REG/AUD. *Corequisites: [EDSP 411 or EDSP 465] or permission of department.* Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 411 or EDSP 465.
0101 **(16406)** Moon, M.
Tu 4:15pm-7:00pm (EDU 1308)

EDSP420 Developmental and Behavioral Characteristics of Nonhandicapped and Handicapped Infants and Young Children; (3) REG/AUD. *Corequisites: [EDSP 421 or EDSP 411] or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 421 or EDSP 411.
0101 **(16416)** Beckman, P.
Th 4:15pm-7:00pm (EDU 1315)

EDSP421 Field Placement: Early Childhood Special Education I; (4) REG/AUD. *Pre- or corequisite: EDSP 420; and EDCI 410.* Students must reserve three half-days (8-1) for this experience.
0101 **(16426)** Beckman, P.
F 10:30am-12:00pm (EDU 1210B)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP421A Field Placement: Early Childhood Special Education I; (2-4) REG/AUD. *Pre- or corequisite: EDSP 420; and EDCI 410.* Graduate students only. Contact department to make arrangements.
0101 **(16437)** Cooper, D.
Time and room to be arranged Lab
0201 **(16438)** Cooper, D.
Time and room to be arranged Lab
0301 **(16439)** Cooper, D.
Time and room to be arranged Lab
0401 **(16440)** Cooper, D.
Time and room to be arranged Lab

EDSP423 Assessment of Preschool Handicapped Children and Infants; (3) REG/AUD. *Prerequisites: EDSP 330; and EDSP 422. Corequisites: EDSP 430; and EDSP 431; and EDSP 400 or EDSP 441.*
0101 **(16450)** Lieber, J.
W 4:15pm-7:00pm (TWS 0131)

EDSP430 Intervention Techniques and Strategies For Preschool Handicapped Children and Infants(Severe to Moderate, Birth-6 Years); (3) REG/AUD. *Prerequisites: EDSP 330; and EDSP 422. Corequisites: EDSP 423; and EDSP 431; and [EDSP 400 or EDSP 441].* Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 431.
0101 **(16460)** Beckman, P.
Tu 4:15pm-7:00pm (EDU 1315)

EDSP431 Field Placement: Early Childhood Special Education III (Severe to Moderate); (4) REG/AUD. *Prerequisite: EDSP 424 or permission of department. Pre- or corequisites: EDSP 430; and EDSP 423; and (EDSP 400 or EDSP 441).* Students must reserve three half-days (8-1) for this experience.
0101 **(16470)** Lieber, J.
F 10:30am-12:00pm (EDU 0202)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP431A Field Placement: Early Childhood Special Education III (Severe to Moderate); (2-4) REG/AUD. *Prerequisite: EDSP 424 or permission of department. Pre- or corequisites: EDSP 430; and EDSP 423; and (EDSP 400 or EDSP 441).* Graduate students only. Contact department to make arrangements.
0101 **(16480)** Lieber, J.
Time and room to be arranged Lab
0201 **(16481)** Lieber, J.
Time and room to be arranged Lab
0301 **(16482)** Lieber, J.
Time and room to be arranged Lab
0401 **(16483)** Lieber, J.
Time and room to be arranged Lab

EDSP441 Assessment and Instructional Design for the Educationally Handicapped: Oral Language and Communication Disorders; (3) REG/AUD. *Corequisites: [EDSP 442 or EDSP 431] or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 442 or EDSP 431.
0101 **(16493)** STAFF
Th 5:30pm-8:15pm (EDU 0206)

EDSP442 Field Placement: Educationally Handicapped I; (4) REG/AUD. *Pre- or corequisite: [EDSP 441 and EDCI 456] or permission of department.* Students must reserve three half-days (8-1) for this experience.
0101 **(16503)** Brown, M.
F 10:30am-12:00pm (EDU 0114)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP442A Field Placement: Educationally Handicapped I; (2-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Pre- or corequisite: [EDSP 441 and EDCI 456] or permission of department.* Graduate students only. Contact department to make arrangements.

EDSP445A Field Placement: Educationally Handicapped II; (2-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: EDSP 442 or permission of department. Pre- or corequisites: [EDSP 330; and EDSP 440; and EDSP 443].* Special education graduate students only.

EDSP446 Instructional Design for the Educationally Handicapped: Functional Living Skills; (3) REG/AUD. *Pre- or corequisites: [EDSP 447 or EDSP 465] or permission of department.*
0101 **(16525)** MacCini, P.
MW 2:45pm-4:15pm (EDU 1121)

EDSP447 Field Placement: Educationally Handicapped III; (4) REG/AUD. *Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450; and EDSP 460.* Students must reserve three half-days (8-1) for this experience.
0101 **(16535)** Harris, K.
F 10:30am-12:00pm (EDU 0206)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP447A Field Placement: Educationally Handicapped III; (2-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450; and EDSP 460.* Graduate students only. Contact department to make arrangements.

EDSP450 Inclusive Practices in the Schools; (3) REG/AUD. *Corequisite: EDSP 411 or EDSP 431 or EDSP 447 or EDSP 465.*
0101 **(16553)** Gruber, B.
TuTh 2:45pm-4:15pm (EDU 2102)

EDSP460 Introduction to Secondary/Transition Special Education; (3) REG/AUD. *Corequisites: [EDSP 461 or EDSP 411 or EDSP 447] or permission of department. For EDSP majors only.* Completion of EDSP 600 or 210 recommended for graduate students. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 461 or EDSP 411 or EDSP 447.
0101 **(16563)** STAFF
M 4:15pm-7:00pm (TWS 0147)

EDSP461 Field Placement: Secondary/Transition I; (4) REG/AUD. *Pre- or corequisite: EDSP 460. For EDSP majors only.* Students must reserve three half-days (8-1) for this experience.
0101 **(16573)** Neubert, D.
F 8:00am-10:30am (EDU 2101)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP461A Field Placement: Secondary/Transition I; (2-4) REG/AUD. *Pre- or corequisite: EDSP 460. For EDSP majors only.* Graduate students only. Contact department to make arrangements.
0201 **(16584)** Neubert, D.
Time and room to be arranged Lab

EDSP464 Secondary and Transition Methods in Special Education; (3) REG/AUD. *Prerequisite: EDSP 462 or permission of department.*
0101 **(16594)** STAFF
Tu 4:15pm-7:00pm (EDU 0202)
0201 **(16595)** STAFF
Time and room to be arranged

EDSP465 Field Placement: Secondary/Transition III; (4) REG/AUD. *Prerequisite: EDSP 463. Pre- or corequisite: EDSP 464. For EDSP majors only.* Students must reserve three half-days (8-1) for this experience.
0201 **(16605)** Neubert, D.
F 10:30am-12:00pm (EDU 2102)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP465A Field Placement: Secondary/Transition III; (2-4) REG/AUD. *Prerequisite: EDSP 463. Pre- or corequisite: EDSP 464. For EDSP majors only.* Graduate students only. Contact department to make arrangements.
0101 **(16615)** Neubert, D.
Time and room to be arranged Lab

EDSP470 Introduction to Special Education; (3) REG/AUD. Not open to undergraduate special education or pre-special education majors.
0101 **(16625)** STAFF
Th 4:15pm-7:00pm (EDU 0212)
0201 **(16626)** STAFF
M 6:00pm-9:00pm (EDU 3315)

EDSP480 *(PermReq)* **Microcomputers in Special Education; (3)** REG/P-F/AUD. *Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDCI 406, EDIT 477, or EDSP 480.*
0101 **(16636)** Malmgren, K.
MW 1:15pm-2:45pm (EDU 1121)
Time and room to be arranged Lab

EDSP489 Field Experiences in Special Education; (1-4) REG/AUD.
0101 **(16646)** Brown, M.
Time and room to be arranged
0901 **(16647)** Leone, P.
Time and room to be arranged

EDSP491 Characteristics of Learning Disabled Students; (3) REG/P-F/AUD. *Prerequisite: EDSP 470 or permission of department.*
0101 **(16657)** Graham, S.
Th 7:00pm-9:45pm (EDU 1121)

EDSP498 *(PermReq)* **Special Problems in Special Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP498B *(PermReq)* **Special Problems in Special Education: Career Development and Advising; (1-6)** REG/P-F/AUD. Limited to pre-special and special education majors.
0101 **(16688)** Molloy, M.
F 12:00pm-2:00pm (Arranged)

EDSP600 *(PermReq)* **Exceptional Children and Youth; (3)** REG/AUD. *Prerequisite: 9 hours in special education and permission of department.*
0101 **(16698)** Cooper, D.
Tu 4:15pm-7:00pm (JMZ 2117)

EDSP601 Characteristics of Behaviorally Disordered Students; (3) REG/AUD. *Prerequisite: EDSP 600 or permission of department.*
0101 **(16708)** Leone, P.
W 4:15pm-7:00pm (EDU 1308)

EDSP615 Evaluation and Measurement of Exceptional Children and Youth; (3) REG/AUD. *Prerequisites: [EDMS 446; and EDMS 646; and EDSP 600] or permission of department.*
0101 **(16718)** Cooper, D.
Th 4:15pm-7:00pm (EDU 0220)

EDSP625 Seminar on Severely Handicapping Conditions; (3) REG/AUD. *Prerequisite: EDSP 600 or permission of department.*
0101 **(16728)** Kohl, F.
M 7:00pm-9:45pm (EDU 1315)

EDSP665 Working with Families of Handicapped Children and Youth; (3) REG/AUD. *Prerequisite: EDSP 600 or permission of department.*
0101 **(16738)** Moon, M.
M 4:15pm-7:00pm (EDU 0202)

EDSP672 Theory and Empirical Design in Special Education; (3) REG/AUD. *Prerequisite: EDMS 645 or permission of department.*
0101 **(16748)** Harris, K.
W 4:15pm-7:00pm (EDU 0220)

EDSP675 Policy Issues Impacting Persons with Disabilities; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(16749)** McLaughlin, M.
Tu 4:15pm-7:00pm (EDU 1210B)

EDSP798 *(PermReq)* **Special Problems in Special Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP860 Doctoral Research Seminar; (3) REG/AUD.
0101 **(16800)** Graham, S.
Th 4:15pm-7:00pm (ASY 3221)

EDSP888 *(PermReq)* **Apprenticeship in Special Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only. There is a $170 lab fee assigned to this course.

EDSP889 *(PermReq)* **Internship in Special Education; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDUC Education (Education)

EDUC388 *(PermReq)* **Special Topics in Education: Guided Experience In College Teaching; (3)** REG. Course restricted to students approved as undergraduate teaching assistants. Should be taken concurrently with EDCI 498, section 6601 for 1 credit. Section 0201 will be team taught by G. Strumpf and M. Wawrzynski.
0101 **(16916)** Greenberg, J.
M 4:00pm-6:00pm (EDU 3315)
Time and room to be arranged Dis
0201 **(16917)** Wawrzynski, M.
Tu 2:00pm-4:00pm (JMZ 1122)
Time and room to be arranged Dis

EDUC388H Special Topics in Education: Honors Synthesis Seminar; (2) REG. Seminar restricted to students admitted to the College of Education Honors Program.
0101 **(16927)** STAFF
Tu 4:00pm-6:00pm (EDU 3233)

EDUC499H *(PermReq)* **Honors Thesis; (1-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Course restricted to students admitted to College of Education honors program.

ENAE Engineering, Aerospace (Engineering)

ENAE100 *(PermReq)* **The Aerospace Engineering Profession; (1)** REG/P-F/AUD. *Recommended: ENES 100 and MATH 140.*
0101 **(17026)** STAFF
Tu 12:00pm-1:15pm (CHM 0127)

ENAE261 Aerospace Analysis and Computation; (3) REG/P-F/AUD. *Prerequisites: CHEM 103, ENES 100, ENES 102, and PHYS 161. Corequisite: MATH 241. ENAE majors only or permission of department.*
0101 **(17036)** Spence, A.
MWF 9:00am-9:50am (JMP 2229)

ENAE281 Fundamentals of Aeronautical Systems; (3) REG/P-F/AUD. *Prerequisites: ENES 100; and ENES 102. Corequisites: ENAE 261 and PHYS 262. ENAE majors only or permission of department.*
0101 **(17046)** Schmitz, F.
TuTh 11:00am-12:15pm (CHM 0122)

ENAE301 Dynamics of Aerospace Systems; (3) REG/P-F/AUD. *Prerequisites: ENAE 281; and ENAE 282; and ENES 221; and MATH 246; and PHYS 263. Corequisite: ENAE 321. ENAE majors only or permission of department.*
0101 **(17056)** Russell, H.
TuTh 9:30am-10:45am (JMP 3104)

ENAE311 Aerodynamics I; (3) REG. *Prerequisites: ENAE 281; and ENES 221; and MATH 246. Corequisite: ENME 223. ENAE majors only or permission of department.*
0101 **(17066)** Korkegi, R.
TuTh 12:30pm-1:45pm (EGR 0110)

ENAE362 Aerospace Instrumentation and Experimentation; (3) REG/P-F/AUD. *Prerequisites: grades of C or better in PHYS 263, ENAE 261, ENAE 281, ENAE 282, ENES 221, and MATH 246. Corequisites: ENME 232, ENAE 301, ENAE 311, and ENAE 321. Junior standing. For ENAE majors only.*
0101 **(17086)** Winkelmann, A.
MW 1:00pm-1:50pm (CHE 2136)
M 2:00pm-5:00pm (Arranged) Lab
0102 **(17087)** Winkelmann, A.
MW 1:00pm-1:50pm (CHE 2136)
Tu 2:00pm-5:00pm (Arranged) Lab
0103 **(17088)** Winkelmann, A.
MW 1:00pm-1:50pm (CHE 2136)
W 2:00pm-5:00pm (Arranged) Lab
0104 **(17089)** Winkelmann, A.
MW 1:00pm-1:50pm (CHE 2136)
Th 2:00pm-5:00pm (EGL 0123) Lab

ENAE403 Aircraft Flight Dynamics; (3) REG/P-F/AUD.
Prerequisites: ENAE 432; and ENAE 414. ENAE majors only or permission of department.
0101 **(17099)** Regan, F.
TuTh 3:30pm-4:45pm (JMP 2229)

ENAE423 Vibration and Aeroelasticity; (3) REG/P-F/AUD.
Prerequisite: ENAE 322. ENAE majors only or permission of department.
0101 **(17109)** Lee, S.
MWF 11:00am-11:50am (EGR 1104)

ENAE441 Space Navigation and Guidance; (3) REG/P-F/AUD.
Prerequisites: ENAE 432 and ENAE 404. ENAE majors only or permission of department.
0101 **(17119)** Pines, D.
TuTh 9:30am-10:45am (MTH 0107)

ENAE455 Aircraft Propulsion and Power; (3) REG/P-F/AUD.
Prerequisite: ENAE 414. ENAE majors only or permission of department.
0101 **(17129)** Lewis, M.
MW 2:00pm-3:15pm (EGR 0108)

ENAE457 Space Propulsion and Power; (3) REG/P-F/AUD.
Prerequisites: ENAE 311 and PHYS 263. ENAE majors only or permission of department. Senior standing.
0101 **(17139)** Van Wie, D.
TuTh 8:00am-9:15am (EGR 1102)

ENAE481 Principles of Aircraft Design; (3) REG/P-F/AUD.
Prerequisites: ENAE 322; and ENAE 432; and ENAE 362; and ENAE 414. ENAE majors only or permission of department.
0101 **(17149)** Winkelmann, A.
MWF 8:00am-8:50am (EGR 0108)

ENAE483 Principles of Space Systems Design; (3) REG/P-F/AUD.
Prerequisites: ENAE 322; and ENAE 432; and ENAE 362; and ENAE 404. ENAE majors only or permission of department.
0101 **(17159)** Akin, D.
TuTh 11:00am-12:15pm (EGR 0104)

ENAE488F Topics in Aerospace Engineering: Composite Structures; (3) REG/AUD.
0101 **(17169)** Vizzini, A.
MW 2:00pm-3:15pm (JMP 2202)
0201 **(17170)** Miller, J.
Tu 6:00pm-8:40pm (Arranged)

ENAE488R *(PermReq)* **Topics in Aerospace Engineering: Hybrid Rocket; (3)** REG/P-F/AUD.
0101 **(17180)** Getke, G.
W 6:00pm-8:45pm (Arranged)

ENAE488W *(PermReq)* **Topics in Aerospace Engineering: Introduction to the Design of Remotely Piloted Vehicles; (3)** REG/P-F/AUD.
0101 **(17190)** Winkelmann, A.
MWF 9:00am-9:50am (EGR 3111)

ENAE499 *(PermReq)* **Elective Research; (1-3)** REG/P-F/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

ENAE631 *(PermReq)* **Helicopter Aerodynamics I; (3)** REG/AUD.
Prerequisites: ENAE 311 and ENAE 414 or permission of both department and instructor.
0101 **(17237)** Leishman, J.
TuTh 5:00pm-6:15pm (Arranged)

ENAE641 Linear System Dynamics; (3) REG/AUD. *Prerequisite: ENAE 432.*
0101 **(17238)** Sanner, R.
MW 9:00am-10:15am (EGR 0108)

ENAE644 Optimal Control of Aerospace Systems; (3) REG/AUD.
Prerequisites: ENAE 432, ENAE 403 or ENAE 404, or equivalents.
0101 **(17257)** Schmidt, D.
MW 3:30pm-4:45pm (EGR 0108)

ENAE651 Smart Structures; (3) REG/AUD.
0101 **(17266)** Chopra, I.
TuTh 9:30am-10:45am (EGR 0110)

ENAE653 Nonlinear Finite Element Analysis of Continua; (3) REG/AUD. *Prerequisite: ENAE 652 or equivalent.*
0101 **(17267)** Lee, S.
MW 3:30pm-4:45pm (EGR 0102)

ENAE654 Composite Structures; (3) REG/AUD. *Prerequisite: ENAE 452 or permission of both department and instructor.* Section 0201 is taught at the Southern Maryland Higher Education Center, St. Mary's County.
0101 **(17276)** Vizzini, A.
MW 2:00pm-3:15pm (JMP 2202)
0201 **(17277)** Miller, J.
Tu 6:00pm-8:40pm (Arranged)

ENAE655 Structural Dynamics; (3) REG/AUD. *Prerequisite: ENAE 452 or permission of department.*
0101 **(17287)** Wereley, N.
TuTh 11:00am-12:15pm (ARM 0120)

ENAE670 *(PermReq)* **Fundamentals of Aerodynamics; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(17308)** Barlow, J.
Time and room to be arranged

ENAE681 *(PermReq)* **Engineering Optimization; (3)** REG/AUD.
Prerequisite: permission of department.
0101 **(17309)** Celi, R.
Time and room to be arranged

ENAE684 *(PermReq)* **Computational Fluid Dynamics I; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(17327)** Baeder, J.
MW 11:00am-12:15pm (EGR 0108)

ENAE741 Interplanetary Navigation and Guidance; (3) REG/AUD.
Prerequisites: ENAE 432 and ENAE 601.
0101 **(17348)** STAFF
Time and room to be arranged

ENAE788 Selected Topics in Aerospace Engineering; (3) REG/AUD.
0101 **(17357)** Sanner, R.
MW 9:30am-10:45am (CHE 2140)

ENAE788U Selected Topics in Aerospace Engineering: Planetary Surface Robotics; (3) REG/AUD.
0101 **(17358)** STAFF
Time and room to be arranged

ENAE788Y Selected Topics in Aerospace Engineering: Advanced Control for Robotics; (3) REG/AUD.
0101 **(17359)** Carignan, C.
Time and room to be arranged

ENAE799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENAE899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENBE Biological Resources Engineering (Agriculture and Natural Resources)

ENBE100 Basic Biological Resources Engineering Technology; (3) REG/P-F/AUD. *For non-engineering majors. Formerly ENAG 100.* Course is offered in the fall semester only.
0101 **(17449)** Singh, S.
TuTh 2:00pm-3:15pm (ANS 0422)

ENBE110 Introduction to Biological Resources Engineering; (1) REG/P-F/AUD.
0101 **(17459)** Shirmohammadi, A.
F 3:00pm-5:00pm (ANS 0408)

ENBE200 Fundamentals of Agricultural Mechanics; (3) REG/P-F. *Formerly ENAG 200.*
0101 **(17469)** Walls, R.
TuTh 8:00am-8:50am (ANS 0422)
TuTh 9:00am-10:50am (ANS 0504) Lab
0201 **(17471)** Walls, R.
TuTh 1:00pm-1:50pm (ANS 0422)
TuTh 2:00pm-3:50pm (ANS 0504) Lab

ENBE 234, 236 and 237 are a series of one-credit mini-courses in aspects of soil and water engineering. Students may elect one course or any combination to three credits. Students must enroll for each course - one credit per course. ENBE 234 begins Aug 31 and ends Oct. 2; ENBE 236 Begins Oct. 5 and ends Nov. 6; ENBE 237 begins Nov. 9 and ends Dec. 9. All courses meet at same time and room - MWF 11:00-11:50, ANS 0422.

ENBE234 Principles of Erosion and Water Control; (1) REG/P-F/AUD. Course is offered in the fall semester only.
0101 **(17481)** Ebeling, J.
Meets 08/31/98-10/02/98
MWF 11:00am-11:50am (ANS 0422)

ENBE236 Design of Drainage Systems; (1) REG/P-F/AUD. Course is offered in the fall semester only.
0101 **(17491)** Ebeling, J.
Meets 10/05/98-11/06/98
MWF 11:00am-11:50am (ANS 0422)

ENBE237 Design of Irrigation Systems; (1) REG/P-F/AUD. Course is offered in the fall semester only.
0101 **(17501)** Ebeling, J.
Meets 11/09/98-12/09/98
MWF 11:00am-11:50am (ANS 0422)

ENBE386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

ENBE422 Water Resources Engineering; (3) REG/P-F/AUD. *Prerequisite: ENME 342 or ENCE 330. Formerly ENAG 422.* Course is offered in the fall semester only.
0101 **(17512)** Shirmohammadi, A.
MWF 10:00am-10:50am (ANS 0422)

ENBE453 Introduction to Biological Materials; (3) REG/P-F/AUD. *Prerequisite: ENES 220 or equivalent.*
0101 **(17522)** STAFF
TuTh 11:00am-12:15pm (ANS 0422)

ENBE471 Biological Systems Control; (3) REG/P-F/AUD. *Prerequisites: an electrical circuits course and MATH 246, and one course in biological sciences or permission of department.*
0101 **(17532)** Schreuders, P.
MW 2:00pm-2:50pm (ANS 0412)
F 2:00pm-3:50pm (ANS 0412) Lab
Please note that both ENBE485 (1 credit) and ENBE486 (2 credits) must be completed in order to satisfy CORE Capstone requirements.

ENBE485 *(PermReq)* **Capstone Design I; (1)** REG. *Prerequisite: permission of department. Senior standing. For ENBE majors only.*
0101 **(17542)** Wheaton, F.
M 3:00pm-4:00pm (ANS 0422)
Please note that both ENBE485 (1 credit) and ENBE486 (2 credits) must be completed in order to satisfy CORE Capstone requirements.

ENBE486 *(PermReq)* **Capstone Design II; (2)** REG. CORE: CS Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ENBE 485 taken in the immediately preceding semester. Senior standing. For ENBE majors only.* See course advisor for meeting time.

ENBE488A Special Topics in Biological Resources Engineering: Electronics Laboratory; (1) REG.
0101 **(17558)** Ebeling, J.
TBA (ANS 0422)

ENBE488B Special Topics in Biological Resources Engineering: Ecological Risks and Impact Assessment; (3) REG/P-F/AUD.
0101 **(17674)** Baldwin, A.
Time and room to be arranged

ENBE488E Special Topics in Biological Resources Engineering: Basic Electronic Design; (3) REG/P-F/AUD. Pre-requisites: MATH 246, PHYS 142 or equivalent
0101 **(17557)** Johnson, A.
TuTh 3:30pm-5:30pm (ANS 0402)

ENBE489 *(PermReq)* **Special Problems in Biological Resources Engineering; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE499 *(PermReq)* **Special Problems in Agricultural Engineering Technology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE653 Biological Engineering Materials and Mechanics; (3) REG/AUD. *Not open to students who have completed ENBE 453. Credit will be granted for only one of the following: ENBE 453 or ENBE 653.*
0101 **(17590)** STAFF
Time and room to be arranged

ENBE688 *(PermReq)* **Advanced Topics in Biological Resources Engineering; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE688B Advanced Topics in Biological Resources Engineering: Aquatic System Design: Containment Structures; (1) REG/AUD.
0101 **(17611)** Singh, S.
TuTh 9:30am-11:00am (ANS 0422)

ENBE698 Seminar; (1) REG/AUD.
0101 **(17631)** Wheaton, F.
M 4:00pm-4:50pm (ANS 0422)

ENBE699 *(PermReq)* **Special Problems in Biological Resources Engineering; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENBE899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCE Engineering, Civil (Engineering)

ENCE202 Computation Methods in Civil Engineering I; (3) REG/AUD. *Prerequisites: MATH 141 and ENES 102 and ENES 100. For ENCE majors only. Formerly ENCE 201.*
0201 **(17724)** Austin, M.
MWF 11:00am-11:50am (EGR 2154)

ENCE203 Computation Methods in Civil Engineering II; (3) REG/P-F/AUD. *Prerequisites: MATH 241 and ENES 220. Corequisite: MATH 246. For ENCE majors only. Formerly ENCE 301.*
0101 **(17734)** STAFF
MF 11:00am-11:50am (EGR 3108)
W 11:00am-11:50am (EGR 3108)

ENCE300 Fundamentals of Engineering Materials; (3) REG/P-F/AUD. *Pre- or corequisite: ENES 220.* Restricted to students in the College of Engineering.
0101 **(17744)** STAFF
MW 1:00pm-1:50pm (CHM 0115)
M 2:00pm-5:00pm (EGL 0106A) Lab
0102 **(17745)** STAFF
MW 1:00pm-1:50pm (CHM 0115)
W 2:00pm-5:00pm (EGL 0106A) Lab

ENCE302 Probability and Statistics for Civil Engineers; (3) REG/AUD. *Prerequisites: ENCE 203 and MATH 246. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(17755)** Ayyub, B.
MWF 9:00am-9:50am (EGR 1108)

ENCE315 Introduction to Environmental Engineering; (3) REG/AUD. *Prerequisites: CHEM 103 or CHEM 133; and PHYS 161. Not open to ENGR students who have completed ENCE 221. Formerly ENCE 221.* Restricted to students in the College of Engineering.
0101 **(17765)** Birkner, F.
TuTh 8:00am-9:15am (EGR 3106)
0201 **(17766)** Davis, A.
TuTh 8:00am-9:15am (EGR 1104)

ENCE320 *(PermReq)* **Construction Engineering and Management; (3)** REG/AUD. *Prerequisite: permission of department.* Restricted to students in the College of Engineering.
0101 **(17776)** Nyakaana Blair, A.
TuTh 2:00pm-3:15pm (EGR 1108)

ENCE330 Basic Fluid Mechanics; (3) REG/P-F/AUD. *Prerequisites: ENES 220; and ENES 221; and PHYS 262.* Restricted to students in the College of Engineering.
0101 **(17786)** STAFF
MWF 10:00am-10:50am (EGR 0110)
0201 **(17787)** STAFF
MWF 10:00am-10:50am (EGR 1108)

ENCE340 Fundamentals of Soil Mechanics; (3) REG/P-F/AUD. *Prerequisite: ENES 220. For ENCE majors only.* Restricted to students in the College of Engineering.
0201 **(17797)** Goodings, D.
TuTh 12:30pm-1:45pm (CHM 0115)

ENCE353 Introduction to Structural Analysis; (3) REG/AUD. *Prerequisite: ENES 220. Corequisite: ENCE 203. For ENCE majors (09080) only. Credit will be granted for only one of the following: ENCE 255 or ENCE 353. Formerly ENCE 255.* Restricted to students in the College of Engineering.
0101 **(17807)** Donaldson, B.
MWF 12:00pm-12:50pm (EGR 1108)

ENCE355 Introduction to Structural Design; (3) REG/AUD. *Prerequisite: ENCE 300. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(17817)** Amde, A.
WF 2:00pm-3:15pm (EGR 1108)

ENCE370 Fundamentals of Transportation Engineering; (3) REG/P-F/AUD. *Prerequisites: MATH 141 and PHYS 262.* Restricted to students in the College of Engineering.
0101 **(17827)** Haghani, A.
TuTh 9:30am-10:45am (EGR 1104)

ENCE423 Project Estimating, Planning and Control; (3) REG/AUD. *Prerequisite: ENCE 320. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(17837)** STAFF
TuTh 12:30pm-1:45pm (EGR 1104)

ENCE425 Decision Support Systems for Construction; (3) REG/AUD. *Prerequisite: ENCE 320. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(17847)** Karaszewski, Z.
MW 3:30pm-4:45pm (EGR 0110)

ENCE432 Ground Water Hydrology; (3) REG/P-F/AUD. *Prerequisite: ENCE 330.* Restricted to students in the College of Engineering.
0101 **(17857)** Sternberg, Y.
MWF 9:00am-9:50am (EGR 2154)

ENCE433 Environmental Engineering Analysis; (3) REG/P-F/AUD. *Prerequisites: CHEM 133 and ENES 221 and CHEM 233.* Restricted to students in the College of Engineering.
0101 **(17867)** Torrents, A.
TuTh 8:00am-9:15am (EGR 2154)
F 9:00am-12:00pm (MMH 2401) Lab
0102 **(17868)** Torrents, A.
TuTh 8:00am-9:15am (EGR 2154)
F 12:00pm-3:00pm (MMH 2401) Lab

ENCE435 Sanitary Engineering Analysis and Design; (3) REG/P-F/AUD. *Prerequisites: ENES 221 and ENCE 330 and CHEM 233.* Restricted to students in the College of Engineering.
0101 **(17878)** Hao, O.
TuTh 9:30am-10:45am (EGR 1108)

ENCE441 Soil-Foundation Systems; (3) REG/P-F/AUD. *Prerequisite: ENCE 340.* Restricted to students in the College of Engineering.
0101 **(17888)** Aggour, M.
MW 12:30pm-1:45pm (EGR 2112)

ENCE453 Computer-Aided Structural Analysis; (3) REG/AUD. *Prerequisite: ENCE 353. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(17898)** Amde, A.
WF 11:00am-12:15pm (EGR 0110)

ENCE455 Design of Steel Structures; (3) REG/AUD. *Prerequisites: ENCE 353; and ENCE 355. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(17908)** Schelling, D.
TuTh 8:00am-9:15am (EGR 1108)

ENCE463 Engineering Economics and Systems Analysis; (3) REG/P-F/AUD. *Prerequisites: ENCE 202 and ENCE 203. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(17918)** Schonfeld, P.
TuTh 9:30am-10:45am (EGR 1110)

ENCE465 Geographic Information Systems for Planning and Design Models; (3) REG/AUD. *Prerequisites: ENCE 202 and ENCE 203. Senior standing. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(17928)** Moglen, G.
TuTh 11:00am-12:15pm (EGR 0135)

ENCE466 Design of Civil Engineering Systems; (3) REG/AUD. CORE: CS *Prerequisites: ENCE 353 or ENCE 355, ENCE 315, ENCE 320, ENCE 330, ENCE 340, ENCE 370 or permission of department. Senior standing. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(17938)** Vannoy, D.
Tu 2:00pm-2:50pm (EGR 1104)
Th 3:00pm-4:50pm (EGR 0110) Lab
Tu 3:00pm-4:50pm (EGR 0110) Lab

ENCE470 Highway and Traffic Engineering; (3) REG/P-F/AUD. *Prerequisite: ENCE 370. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(17948)** Lovell, D.
MWF 10:00am-10:50am (CHM 0124)

ENCE489 *(PermReq)* **Special Problems in Civil Engineering; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCE489A Special Problems in Civil Engineering: Computational Methods in Civil Engineering III; (3) REG/P-F/AUD.
0101 **(17987)** Austin, M.
Time and room to be arranged

ENCE489T Special Problems in Civil Engineering: Solid and Hazardous Waste Engineering; (3) REG/P-F/AUD.
0101 **(18007)** Seagren, E.
TuTh 11:00am-12:15pm (EGR 0108)

ENCE610 Fundamentals of Structural Analysis; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18017)** Donaldson, B.
MW 5:00pm-6:15pm (EGR 3111)

ENCE614 Computer Methods in Engineering; (3) REG/AUD. *Formerly ENCE 756.* Majors only. Other majors require permission of department.
0101 **(18027)** Schelling, D.
MW 6:30pm-7:45pm (EGR 1108)

ENCE630 Environmental and Water Resource Systems I; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18041)** McCuen, R.
TuTh 3:30pm-4:45pm (EGR 2107)

ENCE633 The Chemistry of Natural Waters; (3) REG/AUD. *Prerequisite: ENCE 433 or permission of both department and instructor.* Majors only. Other majors require permission of department.
0101 **(18051)** Birkner, F.
TuTh 2:00pm-3:15pm (CHM 2201)

ENCE636 Unit Operations of Environmental Engineering; (3) REG/AUD. *Prerequisite: ENCE 315 or permission of both department and instructor.* Majors only. Other majors require permission of department.
0101 **(18061)** Davis, A.
TuTh 12:30pm-1:45pm (SYM 1308)

ENCE637 Biological Principles of Environmental Engineering; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18071)** Hao, O.
TuTh 11:00am-12:15pm (EGR 1102)

ENCE640 Advanced Soil Mechanics; (3) REG/AUD. *Prerequisite: ENCE 340 or equivalent.* Majors only. Other majors require permission of department.
0101 **(18081)** Schwartz, C.
TuTh 3:30pm-4:45pm (EGR 0108)

ENCE642 Soil Dynamics; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18091)** Aggour, M.
MW 3:30pm-4:45pm (EGR 2112)

ENCE663 Management of Construction Organizations; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18105)** Schulman, N.
M 7:00pm-9:45pm (EGR 2107)

ENCE664 Construction Contracts and Specifications; (3) REG/AUD. *For ENCE majors only.* Majors only. Other majors require permission of department.
0101 **(18115)** Barham, T.
Th 5:30pm-8:15pm (EGR 1108)

ENCE666 Cost Engineering and Control; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18125)** Rogers, T.
Tu 5:30pm-8:15pm (EGR 1102)

ENCE670 Highway Traffic Characteristics and Measurements; (3) REG/AUD. *Prerequisite: ENCE 470 or permission of both department and instructor.* Majors only. Other majors require permission of department.
0101 **(18135)** Lovell, D.
M 5:00pm-7:45pm (MTH 0105)

ENCE672 Regional Transportation Planning; (3) REG/AUD. *Prerequisite: ENCE 471 or permission of both department and instructor.* Majors only. Other majors require permission of department.
0101 **(18145)** Schonfeld, P.
Tu 5:00pm-7:30pm (EGR 1108)

ENCE676 *(PermReq)* **Highway Traffic Flow Theory; (3)** REG/AUD. *Prerequisites: [ENCE 461; and ENCE 462] or permission of both department and instructor.* Majors only. Other majors require permission of department.
0101 **(18155)** Chang, G.
Time and room to be arranged

ENCE677 Quantitative Methods in Transportation Engineering; (3) REG/AUD.
0101 **(18156)** Haghani, A.
TuTh 2:00pm-3:15pm (MTH 0307)

ENCE688 Advanced Topics in Civil Engineering; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCE688A *(PermReq)* **Advanced Topics in Civil Engineering: Travel Demand Analysis; (3)** REG/AUD. Prerequisite: permission of instructor and department.
0101 **(18190)** Chang, G.
Tu 5:00pm-7:30pm (EGR 2112)

ENCE688B *(PermReq)* **Advanced Topics in Civil Engineering: Hydrology, Climate, and Water Resources; (3)** REG/AUD. Prerequisite: permission of department and instructor.
0101 **(18200)** Brubaker, K.
MW 2:00pm-3:15pm (MTH 0401)

ENCE688G *(PermReq)* **Advanced Topics in Civil Engineering: Design with Geosynthetics; (3)** REG/AUD. Prerequisite: permission of department and instructor.
0101 **(18210)** Collin, J.
M 5:00pm-7:30pm (EGR 1110)

ENCE688R Advanced Topics in Civil Engineering: River Engineering; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(18230)** Moglen, G.
MW 3:30pm-4:45pm (EGR 1108)

ENCE689 Seminar; (1-16) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCE710 Steel Structures I; (3) REG/AUD. *Formerly ENCE 656.*
0101 **(18265)** Albrecht, P.
TuTh 5:00pm-6:15pm (EGR 1104)

ENCE714 Concrete Structures II; (3) REG/AUD. *Formerly ENCE 754.*
0101 **(18275)** Colville, J.
TuTh 3:30pm-4:45pm (EGR 1108)

ENCE716 Forensic Engineering; (3) REG/AUD.
0101 **(18285)** Vannoy, D.
TuTh 6:30pm-7:45pm (EGR 1104)

ENCE718 *(PermReq)* **Advanced Structural Systems; (3)** REG/AUD. *Formerly ENCE 750.* Prerequisite: permission of instructor.
0101 **(18295)** Ayyub, B.
MW 3:30pm-4:45pm (EGR 3106)

ENCE799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCE899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCH Engineering, Chemical (Engineering)

ENCH215 *(PermReq)* **Chemical Engineering Analysis; (3)** REG/P-F/AUD. *Prerequisite: CHEM 133 or CHEM 113. Pre- or corequisite: MATH 141.*
0101 **(18403)** Weigand, W.
MWF 11:00am-11:50am (CHE 2110)
W 2:00pm-2:50pm (CHE 2108) Dis

ENCH300 *(PermReq)* **Chemical Process Thermodynamics; (3)** REG/P-F/AUD. *Prerequisites: CHEM 203; and ENCH 215 and ENCH 250. Pre- or corequisite: MATH 241.*
0101 **(18413)** Greer, S.
TuTh 2:00pm-3:15pm (CHE 2110)
F 2:00pm-2:50pm (CHE 2108) Dis
0102 **(18414)** Anisimov, M.
TuTh 2:00pm-3:15pm (MTH 0302)
F 2:00pm-2:50pm (CHE 2136) Dis

ENCH333 *(PermReq)* **Chemical Engineering Seminar; (1)** REG/P-F/AUD. *Senior standing.*
0101 **(18423)** Sengers, J.
W 12:00pm-12:50pm (CHE 2136)
0201 **(18424)** Choi, K.
W 12:00pm-12:50pm (CHE 2145)

ENCH422 *(PermReq)* **Transport Processes I; (3)** REG/P-F/AUD. *Prerequisites: ENCH 215 and ENCH 250. Pre- or corequisites: MATH 241 and MATH 246.*
0101 **(18434)** Calabrese, R.
TuTh 9:30am-10:45am (CHE 2108)
F 1:00pm-1:50pm (CHE 2108) Dis

ENCH426 *(PermReq)* **Transport Processes III; (3)** REG. *Prerequisites: ENCH 300 and ENCH 424.*
0101 **(18444)** Weigand, W.
MWF 2:00pm-2:50pm (CHE 2110)

ENCH437 *(PermReq)* **Chemical Engineering Laboratory; (3)** REG/P-F/AUD. *Prerequisites: ENCH 424; and ENCH 440; and ENCH 442. Corequisite: ENCH 426.*
0101 **(18454)** Smith, T.
Th 1:00pm-5:00pm (CHE 1145) Lab
Th 11:00am-1:00pm (CHE 2136) Dis
0201 **(18455)** Smith, T.
Tu 1:00pm-5:00pm (CHE 1145) Lab
Tu 11:00am-1:00pm (CHE 2136) Dis

ENCH444 *(PermReq)* **Process Engineering Economics and Design I; (3)** REG/P-F/AUD. *Prerequisites: ENCH 424; and ENCH 440. Corequisite: ENCH 426.*
0101 **(18465)** Zafiriou, E.
MWF 9:00am-9:50am (CHE 2108)

ENCH454 Chemical Process Analysis and Optimization; (3) REG/P-F/AUD. *Prerequisites: ENCH 440 and MATH 246. Corequisite: ENCH 426.*
0101 **(18475)** McAvoy, T.
MWF 4:00pm-4:50pm (CHE 2118)

ENCH468 *(PermReq)* **Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCH468C Research: Science and Technology of Collodial Systems; (3) REG/P-F/AUD.
0101 **(18624)** Harris, M.
MWF 3:00pm-3:50pm (CHE 2145)

ENCH468M Research: Manufacturing with Polymers; (3) REG/P-F/AUD.
0101 **(18501)** Briber, R.
TuTh 11:00am-12:15pm (CHE 2118)

ENCH468R Research: Recycling of Waste Materials; (3) REG/P-F/AUD.
0101 **(18511)** Harris, M.
MW 4:00pm-5:15pm (CHE 2145)

ENCH482 *(PermReq)* **Biochemical Engineering; (3)** REG/P-F/AUD. *Prerequisite: ENCH 440.*
0101 **(18521)** Wang, N.
MWF 11:00am-11:50am (CHE 2136)

ENCH490 *(PermReq)* **Introduction to Polymer Science; (3)** REG/P-F/AUD. *Prerequisites: ENCH 424 and ENCH 440.*
0101 **(18531)** Choi, K.
MWF 10:00am-10:50am (CHE 2136)

ENCH609 *(PermReq)* **Graduate Seminar; (1)** REG/AUD.
0101 **(18541)** Sengers, J.
Th 4:00pm-5:00pm (CHE 2108)

ENCH610 Chemical Engineering Thermodynamics; (3) REG/AUD.
0101 **(18551)** Panagiotopoulos, A.
MW 4:00pm-5:15pm (CHE 2136)

ENCH620 Methods of Engineering Analysis; (3) REG/AUD.
0101 **(18561)** Gentry, J.
MW 5:30pm-6:45pm (CHE 2145)

ENCH648 *(PermReq)* **Special Problems in Chemical Engineering; (1-16)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCH648B Special Problems in Chemical Engineering: Advanced Biochemical Engineering; (3) REG.
0101 **(18623)** Wang, N.
MWF 11:00am-11:50am (Arranged)

ENCH648C Special Problems in Chemical Engineering: Science and Technology of Collodial Systems; (3) REG/AUD.
0101 **(51666)** Harris, M.
MWF 3:00pm-3:50pm (CHE 2145)

ENCH799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCH899 Doctoral Dissertation Research: Chemical Engineering; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCO Engineering, Cooperative Education (Engineering)

ENCO099 *(PermReq)* **Co-Op Work Experience; (No credit)** S-F. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes.
0101 **(18672)** Sauber, H.
Time and room to be arranged

ENEE Engineering, Electrical (Engineering)

ENEE114 Programming Concepts for Engineering; (4) REG. *Prerequisite: ENES 100. For ENEE majors (09090) only. Restricted to students with 60 or less cumulative semester hours.*
0101 **(18722)** Bhattacharyya, S.
MW 11:00am-12:15pm (CHM 1402)
MW 8:00am-8:50am (ERB 0305) Dis
0102 **(18723)** Bhattacharyya, S.
MW 11:00am-12:15pm (CHM 1402)
MW 9:00am-9:50am (ERB 0305) Dis
0103 **(18724)** Bhattacharyya, S.
MW 11:00am-12:15pm (CHM 1402)
MW 10:00am-10:50am (ERB 0305) Dis
0104 **(18725)** Bhattacharyya, S.
MW 11:00am-12:15pm (CHM 1402)
MW 1:00pm-1:50pm (ERB 0305) Dis
0105 **(18726)** Bhattacharyya, S.
MW 11:00am-12:15pm (CHM 1402)
MW 2:00pm-2:50pm (ERB 0305) Dis
0106 **(18727)** Bhattacharyya, S.
MW 11:00am-12:15pm (CHM 1402)
MW 3:00pm-3:50pm (ERB 0305) Dis

ENEE204 Basic Circuit Theory; (3) REG. *Prerequisite: MATH 246.* Engineering College only (04).
0101 **(18748)** Lawson, W.
TuTh 9:30am-10:45am (CHE 2110)
M 1:00pm-1:50pm (EGR 1102) Dis
0102 **(18749)** Lawson, W.
TuTh 9:30am-10:45am (CHE 2110)
W 12:00pm-12:50pm (EGR 1102) Dis
0103 **(18754)** Lawson, W.
TuTh 9:30am-10:45am (CHE 2110)
M 2:00pm-2:50pm (EGR 3114) Dis
0104 **(18750)** Lawson, W.
TuTh 9:30am-10:45am (CHE 2110)
M 3:00pm-3:50pm (EGR 3114) Dis
0105 **(18751)** Lawson, W.
TuTh 9:30am-10:45am (CHE 2110)
W 3:00pm-3:50pm (EGR 3114) Dis
0106 **(18752)** Lawson, W.
TuTh 9:30am-10:45am (CHE 2110)
Tu 12:30pm-1:20pm (EGR 1108) Dis
0107 **(18753)** Lawson, W.
TuTh 9:30am-10:45am (CHE 2110)
Th 11:00am-11:50am (EGR 3111) Dis
0108 **(18755)** Lawson, W.
TuTh 9:30am-10:45am (CHE 2110)
F 9:00am-9:50am (EGR 3114) Dis
0109 **(18756)** Lawson, W.
TuTh 9:30am-10:45am (CHE 2110)
Th 2:00pm-2:50pm (EGR 3102) Dis
0110 **(18757)** Lawson, W.
TuTh 9:30am-10:45am (CHE 2110)
W 2:00pm-2:50pm (JMP 1202) Dis
0111 **(18758)** Lawson, W.
TuTh 9:30am-10:45am (CHE 2110)
M 11:00am-11:50am (EGR 3102) Dis
0112 **(18759)** Lawson, W.
TuTh 9:30am-10:45am (CHE 2110)
M 12:00pm-12:50pm (EGR 3102) Dis

ENEE206 Fundamental Electric and Digital Circuit Laboratory; (2) REG. *Prerequisite: ENEE 244. Corequisite: ENEE 204. For ENEE majors 09090 only. Credit will be granted for only one of the following: ENEE 206 or ENEE 305. Formerly ENEE 305.*
0101 **(18763)** Striffler, C.
Tu 2:00pm-3:15pm (EGR 1202)
M 9:00am-12:00pm (AVW 1330) Lab
0102 **(18764)** Striffler, C.
Tu 2:00pm-3:15pm (EGR 1202)
M 1:00pm-4:00pm (AVW 1330) Lab
0103 **(18765)** Striffler, C.
Tu 2:00pm-3:15pm (EGR 1202)
Tu 9:30am-12:30pm (AVW 1330) Lab
0104 **(18766)** Striffler, C.
Tu 2:00pm-3:15pm (EGR 1202)
Tu 3:30pm-6:30pm (AVW 1330) Lab
0105 **(18767)** Striffler, C.
Tu 2:00pm-3:15pm (EGR 1202)
W 9:00am-12:00pm (AVW 1330) Lab
0106 **(18768)** Striffler, C.
Tu 2:00pm-3:15pm (EGR 1202)
W 1:00pm-4:00pm (AVW 1330) Lab
0107 **(18769)** Striffler, C.
Tu 2:00pm-3:15pm (EGR 1202)
Th 9:30am-12:30pm (AVW 1330) Lab
0108 **(18770)** Striffler, C.
Tu 2:00pm-3:15pm (EGR 1202)
Th 3:30pm-6:30pm (AVW 1330) Lab
0109 **(18771)** Striffler, C.
Tu 2:00pm-3:15pm (EGR 1202)
F 9:00am-12:00pm (AVW 1330) Lab

ENEE241 Numerical Techniques in Engineering; (3) REG. *Prerequisites: MATH 140, MATH 141, and ENEE 114. For ENGR majors only. Credit will be granted for only one of the following: ENES 240 or ENEE241. Formerly ENES 240.*
0101 **(18772)** Blankenship, G.
TuTh 11:00am-12:15pm (EGR 1202)
Tu 8:00am-9:15am (ERB 0305) Dis
0102 **(18773)** Blankenship, G.
TuTh 11:00am-12:15pm (EGR 1202)
Tu 12:30pm-1:45pm (ERB 0305) Dis
0103 **(18774)** Blankenship, G.
TuTh 11:00am-12:15pm (EGR 1202)
Tu 3:30pm-4:45pm (ERB 0305) Dis
0104 **(18775)** Blankenship, G.
TuTh 11:00am-12:15pm (EGR 1202)
Th 8:00am-9:15am (ERB 0305) Dis
0105 **(18776)** Blankenship, G.
TuTh 11:00am-12:15pm (EGR 1202)
Th 3:30pm-4:45pm (ERB 0305) Dis
0106 **(18777)** Blankenship, G.
TuTh 11:00am-12:15pm (EGR 1202)
Th 12:30pm-1:45pm (ERB 0305) Dis

ENEE244 Digital Logic Design; (3) REG. *Prerequisite: ENEE 114.* Engineering College only (04).
0101 **(18781)** Silio, C.
TuTh 9:30am-10:45am (CLB 0111)
M 8:00am-8:50am (EGR 3106) Dis
0102 **(18782)** Silio, C.
TuTh 9:30am-10:45am (CLB 0111)
M 10:00am-10:50am (EGR 1102) Dis
0103 **(18783)** Silio, C.
TuTh 9:30am-10:45am (CLB 0111)
M 2:00pm-2:50pm (EGR 1108) Dis
0104 **(18784)** Silio, C.
TuTh 9:30am-10:45am (CLB 0111)
W 8:00am-8:50am (EGR 3114) Dis
0105 **(18789)** Silio, C.
TuTh 9:30am-10:45am (CLB 0111)
M 8:00am-8:50am (EGR 3114) Dis
0106 **(18790)** Silio, C.
TuTh 9:30am-10:45am (CLB 0111)
M 10:00am-10:50am (EGR 2154) Dis
0107 **(18791)** Silio, C.
TuTh 9:30am-10:45am (CLB 0111)
M 2:00pm-2:50pm (EGR 3102) Dis
0108 **(18792)** Silio, C.
TuTh 9:30am-10:45am (CLB 0111)
W 8:00am-8:50am (EGR 3106) Dis
0201 **(18785)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
F 8:00am-8:50am (EGR 3114) Dis
0202 **(18786)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
M 4:00pm-4:50pm (EGR 3114) Dis
0203 **(18787)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
Tu 3:30pm-4:20pm (EGR 3111) Dis
0204 **(18788)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
Th 3:30pm-4:20pm (EGR 3111) Dis
0205 **(18793)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
F 8:00am-8:50am (EGR 3106) Dis
0206 **(18794)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
M 4:00pm-4:50pm (EGR 1102) Dis
0207 **(18795)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
Tu 3:30pm-4:20pm (EGR 1110) Dis
0208 **(18796)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
Th 3:30pm-4:20pm (EGR 1110) Dis

All lower-division CHEM, MATH, PHYS and Engineering courses that are required courses for the BS degree in Electrical Engineering must be completed before enrolling in any 300- or 400- ENEE course (except ENEE 300 and ENEE 301). Transfer students will be allowed one term to complete all such courses after starting to take upper-level ENEE courses.

ENEE302 Analog Electronic Circuits; (3) REG. *Prerequisite: ENEE 204 and completion of all lower-division courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18798)** Peckerar, M.
TuTh 5:00pm-6:15pm (CHM 0115)
M 3:00pm-3:50pm (JMP 3104) Dis
0102 **(18799)** Peckerar, M.
TuTh 5:00pm-6:15pm (CHM 0115)
Tu 11:00am-11:50am (EGR 3102) Dis
0201 **(18800)** Orloff, J.
MWF 10:00am-10:50am (CHM 0115)
Th 8:00am-8:50am (EGR 3102) Dis
0202 **(18801)** Orloff, J.
MWF 10:00am-10:50am (CHM 0115)
M 1:00pm-1:50pm (EGR 0110) Dis

ENEE302H *(PermReq)* **Analog Electronic Circuits; (3)** REG. *Prerequisite: ENEE 204 and completion of all lower-division courses in the EE curriculum. See above note.* For general honors students only.
0101 **(18811)** Gomez, R.
TuTh 11:00am-12:15pm (EGR 1104)
M 12:00pm-12:50pm (EGR 1104) Dis

ENEE306 Electronic Circuits Design Laboratory; (2) REG. *Prerequisite: ENEE 302. For ENEE majors 09090 only. Not open to students who have completed ENEE 413. Formerly ENEE 413.*
0101 **(18821)** Goldsman, N.
W 1:00pm-1:50pm (CSS 2324)
M 9:00am-12:00pm (AVW 1356) Lab
0102 **(18822)** Goldsman, N.
W 1:00pm-1:50pm (CSS 2324)
M 1:00pm-4:00pm (AVW 1356) Lab
0103 **(18823)** Goldsman, N.
W 1:00pm-1:50pm (CSS 2324)
Tu 9:30am-12:30pm (AVW 1356) Lab
0104 **(18824)** Goldsman, N.
W 1:00pm-1:50pm (CSS 2324)
Tu 3:30pm-6:30pm (AVW 1356) Lab
0105 **(18825)** Goldsman, N.
W 1:00pm-1:50pm (CSS 2324)
W 9:00am-12:00pm (AVW 1356) Lab
0106 **(18826)** Goldsman, N.
W 1:00pm-1:50pm (CSS 2324)
W 2:00pm-5:00pm (AVW 1356) Lab
0107 **(18827)** Goldsman, N.
W 1:00pm-1:50pm (CSS 2324)
Th 9:30am-12:30pm (AVW 1356) Lab
0108 **(18828)** Goldsman, N.
W 1:00pm-1:50pm (CSS 2324)
Th 3:30pm-6:30pm (AVW 1356) Lab
0109 **(18829)** Goldsman, N.
W 1:00pm-1:50pm (CSS 2324)
F 9:00am-12:00pm (AVW 1356) Lab
0110 **(18830)** Goldsman, N.
W 1:00pm-1:50pm (CSS 2324)
F 1:00pm-4:00pm (AVW 1356) Lab
0111 **(18831)** Goldsman, N.
W 1:00pm-1:50pm (CSS 2324)
Th 12:30pm-3:30pm (AVW 1356) Lab

ENEE312 Digital Electronic Circuits; (3) REG. *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18832)** Newcomb, R.
MWF 10:00am-10:50am (CHM 0119)
Th 1:00pm-1:50pm (JMP 2202) Dis
0102 **(18833)** Newcomb, R.
MWF 10:00am-10:50am (CHM 0119)
Th 2:00pm-2:50pm (EGR 1102) Dis
0201 **(18834)** Iliadis, A.
TuTh 11:00am-12:15pm (CHM 0115)
Tu 9:30am-10:20am (EGR 1102) Dis
0202 **(18835)** Iliadis, A.
TuTh 11:00am-12:15pm (CHM 0115)
Tu 2:00pm-2:50pm (EGR 1102) Dis

ENEE322 Signal and System Theory; (3) REG. *Prerequisites: ENEE 204 and MATH 246 and completion of all lower-division technical courses in the curriculum. See above note.* ENEE majors (09090) only.
0101 **(18845)** Papadopoulos, H.
TuTh 9:30am-10:45am (JMP 2229)
Tu 8:00am-8:50am (EGR 2112) Dis
0102 **(18846)** Papadopoulos, H.
TuTh 9:30am-10:45am (JMP 2229)
Th 11:00am-11:50am (EGR 1110) Dis
0201 **(18847)** Tretter, S.
MWF 11:00am-11:50am (CHM 0127)
W 1:00pm-1:50pm (EGR 1102) Dis
0202 **(18848)** Tretter, S.
MWF 11:00am-11:50am (CHM 0127)
F 2:00pm-2:50pm (EGR 1104) Dis
0301 **(18849)** Tits, A.
TuTh 2:00pm-3:15pm (JMP 2229)
Th 4:00pm-4:50pm (CHM 0124) Dis
0302 **(18850)** Tits, A.
TuTh 2:00pm-3:15pm (JMP 2229)
Tu 9:30am-10:20am (EGR 0108) Dis

ENEE324 Engineering Probability; (3) REG. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18860)** Narayan, P.
TuTh 9:30am-10:45am (CHM 0115)
Th 1:00pm-1:50pm (EGR 3114) Dis
0102 **(18861)** Narayan, P.
TuTh 9:30am-10:45am (CHM 0115)
Th 2:00pm-2:50pm (EGR 3114) Dis
0201 **(18862)** Abed, E.
MWF 11:00am-11:50am (CHE 2108)
F 1:00pm-1:50pm (JMP 3104) Dis
0202 **(18863)** Abed, E.
MWF 11:00am-11:50am (CHE 2108)
F 3:00pm-3:50pm (JMP 3104) Dis

ENEE324H *(PermReq)* **Engineering Probability; (3)** REG. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* For general honors students only.
0101 **(18872)** Farvardin, N.
TuTh 2:00pm-3:15pm (EGR 3106)
M 1:00pm-1:50pm (CHM 0119) Dis

ENEE350 Computer Organization; (3) REG. *Prerequisite: ENEE 244 and completion of all lower-division technical courses in the EE curriculum. See above note. For 09090 and 09991 majors only. Not open to students who have completed ENEE 250. Formerly ENEE 250.* ENEE majors (09090) only
0101 **(18882)** Oruc, Y.
MWF 9:00am-9:50am (EGR 1104)
Tu 1:00pm-1:50pm (EGR 3114) Dis
0102 **(18883)** Oruc, Y.
MWF 9:00am-9:50am (EGR 1104)
Th 8:00am-8:50am (EGR 0104) Dis
0201 **(18884)** Silio, C.
TuTh 12:30pm-1:45pm (ITV 1111)
Tu 2:00pm-2:50pm (EGR 2107) Dis
0202 **(18885)** Silio, C.
TuTh 12:30pm-1:45pm (ITV 1111)
Tu 3:30pm-4:20pm (EGR 1102) Dis

ENEE350H *(PermReq)* **Computer Organization; (3)** REG. *Prerequisite: ENEE 244 and completion of all lower-division technical courses in the EE curriculum. See above note. For 09090 and 09991 majors only. Not open to students who have completed ENEE 250. Formerly ENEE 250.* For general honors students only.
0101 **(18895)** Jacob, B.
TuTh 12:30pm-1:45pm (JMP 3105)
W 8:00am-8:50am (CHM 0122) Dis

ENEE380 Electromagnetic Theory; (3) REG. *Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18905)** Dagenais, M.
MWF 1:00pm-1:50pm (CHM 0127)
W 8:00am-8:50am (EGR 1102) Dis
0102 **(18906)** Dagenais, M.
MWF 1:00pm-1:50pm (CHM 0127)
M 3:00pm-3:50pm (EGR 1102) Dis
0201 **(18907)** Milchberg, H.
TuTh 12:30pm-1:45pm (JMP 2229)
Tu 8:00am-8:50am (EGR 3102) Dis
0202 **(18908)** Milchberg, H.
TuTh 12:30pm-1:45pm (JMP 2229)
W 4:00pm-4:50pm (EGR 1104) Dis

ENEE380H Electromagnetic Theory; (3) REG. *Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note.*
0101 **(18918)** Rhee, M.
TuTh 9:30am-10:45am (CHM 0122)
F 1:00pm-1:50pm (EGR 1108) Dis

ENEE381 Electromagnetic Wave Propagation; (3) REG. *Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors only (09090).
0101 **(18928)** Zaki, K.
MWF 10:00am-10:50am (EGR 3106)
Tu 3:00pm-3:50pm (EGR 1104) Dis
0102 **(18929)** Zaki, K.
MWF 10:00am-10:50am (EGR 3106)
Th 3:00pm-3:50pm (EGR 0102) Dis
0201 **(18930)** Taylor, L.
TuTh 11:00am-12:15pm (CHM 1402)
M 2:00pm-2:50pm (EGR 1102) Dis
0202 **(18931)** Taylor, L.
TuTh 11:00am-12:15pm (CHM 1402)
W 2:00pm-2:50pm (EGR 1102) Dis

ENEE381H *(PermReq)* **Electromagnetic Wave Propagation; (3)** REG. *Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note.* For general honors students only.
0101 **(18941)** Ho, P.
TuTh 9:30am-10:45am (CHM 0119)
W 12:00pm-12:50pm (EGR 1104) Dis

ENEE417 Microelectronics Design Laboratory; (2) REG. *Prerequisites: ENEE 305 and ENEE 312 and completion of all lower-division technical courses in the EE curriculum. See above note. For ENEE majors only.*
0101 **(18951)** Iliadis, A.
F 9:00am-9:50am (EGR 3102)
M 9:00am-12:00pm (AVW 1418) Lab
0102 **(18952)** Iliadis, A.
F 9:00am-9:50am (EGR 3102)
W 9:00am-12:00pm (AVW 1418) Lab

ENEE419J Topics in Microelectronics: Integrated Circuit Fabrication Lab; (3) REG. Prerequisites: ENEE 302 and completion of all lower division technical courses in the EE curriculum. See above note. EE majors (09090) only.
0101 **(18953)** Melngailis, J.
Tu 3:30pm-4:45pm (ERF 1207)
Th 3:30pm-6:30pm (ERF 0202) Lab

ENEE420 Communication Systems; (3) REG. *Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18962)** Goldberg, A.
MW 5:00pm-6:15pm (EGR 1104)
0201 **(18963)** Gansman, J.
TuTh 9:30am-10:45am (CHM 0127)

ENEE425 Digital Signal Processing; (3) REG. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(18974)** Anderson, J.
MW 9:30am-10:45am (JMP 3104)
0301 **(18975)** Harger, R.
TuTh 2:00pm-3:15pm (ERB 0305)

ENEE426 Communication Networks; (3) REG. *Prerequisite: permission of department and completion of all lower-division technical courses in the EE curriculum. See above note.*
0101 **(18985)** Makowski, A.
MW 12:30pm-1:45pm (EGR 2107)

ENEE428 Communications Design Laboratory; (2) REG. Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note. Corequisite: ENEE 420 or ENEE 425. For ENEE majors only.
0101 **(18995)** Tretter, S.
F 1:00pm-1:50pm (ARM 0110)
M 9:00am-12:00pm (AVW 1422) Lab
0102 **(18996)** Tretter, S.
F 1:00pm-1:50pm (ARM 0110)
Tu 2:00pm-5:00pm (AVW 1422) Lab
0103 **(18997)** Tretter, S.
F 1:00pm-1:50pm (ARM 0110)
W 9:00am-12:00pm (AVW 1422) Lab
0104 **(18998)** Tretter, S.
F 1:00pm-1:50pm (ARM 0110)
Th 2:00pm-5:00pm (AVW 1422) Lab
0105 **(18999)** Tretter, S.
F 1:00pm-1:50pm (ARM 0110)
F 9:00am-12:00pm (AVW 1422) Lab

ENEE429W *(PermReq)* **Topics in Communications: Indoor Wireless Project; (2)** REG. Prerequisites: permission of instructor and department and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 **(19009)** Papamarcou, A.
W 11:00am-11:50am (CHE 2120)
W 2:00pm-5:00pm (AVW 1414) Lab
0102 **(19010)** Papamarcou, A.
W 11:00am-11:50am (CHE 2120)
Th 2:00pm-5:00pm (AVW 1414) Lab

ENEE440 Microprocessors; (3) REG. *Prerequisite: ENEE 350 and completion of all lower-division technical courses in the EE curriculum. See above note. For 09090 and 09991 majors only.* ENEE majors only (09090).
0201 **(19020)** Hawkins, W.
TuTh 12:30pm-1:45pm (EGR 0135)

ENEE445 Computer Laboratory; (2) REG. *Prerequisites: ENEE 206 or equivalent and ENEE 440, or permission of instructor; and completion of all lower-division technical courses in the EE curriculum. See above note. For 09090 and 09991 majors only.* ENEE majors (09090) only.
0101 **(19030)** Hawkins, W.
Tu 11:00am-11:50am (EGR 1110)
Th 2:00pm-5:00pm (AVW 1458) Lab

ENEE446 Digital Computer Design; (3) REG. *Prerequisite: ENEE 350 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19040)** Vishkin, U.
MW 3:30pm-4:45pm (ITV 1100)

ENEE448 Microprocessor Systems Design; (3) REG. Prerequisite: ENEE 440 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 **(19050)** Hawkins, W.
Th 11:00am-11:50am (EGR 0102)
Time and room to be arranged Lab

ENEE459A Topics in Computer Engineering: CAD Tools for Microprocessor System Design; (1) REG.
0101 **(19060)** Hawkins, W.
Tu 8:30am-9:20am (EGR 3111)

ENEE459S Topics in Computer Engineering: Operating Systems; (3) REG.
0101 **(19070)** Stewart, D.
MW 11:00am-12:15pm (CHM 0115)

ENEE460 Control Systems; (3) REG. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19080)** Levine, W.
TuTh 9:30am-10:45am (ERB 0305)

ENEE472 Electric Machines and Actuators; (3) REG. *Prerequisite: ENEE 322; and ENEE 380; and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19090)** Mayergoyz, I.
MW 3:30pm-4:45pm (JMP 2229)

ENEE473 Electrical Machines Laboratory; (2) REG. *Prerequisite: ENEE 305 and completion of all lower-division technical courses in the EE curriculim. See above note.* ENEE majors (09090) only.
0101 **(19100)** Emad, F.
F 12:00pm-12:50pm (EGR 1104)
F 1:00pm-4:00pm (AVW 1360) Lab

ENEE475 Power Electronics; (3) REG. *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.*
0101 **(19110)** Mayergoyz, I.
MW 11:00am-12:15pm (EGR 3106)

ENEE480 Fundamentals of Solid State Electronics; (3) REG. *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19120)** Orloff, J.
TuTh 3:30pm-4:45pm (JMP 3104)

ENEE486 Optoelectronics Lab; (2) REG. *Prerequisites: ENEE 305 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum.* ENEE majors (09090) only.
0101 **(19130)** Lee, C.
M 12:00pm-12:50pm (EGR 0104)
M 1:00pm-4:00pm (EGL 1144) Lab

ENEE497 Optical System Design; (3) REG. *Corequisite: ENEE 381. Completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(19151)** Davis, C.
TuTh 11:00am-12:15pm (EGR 2107)

ENEE498B Topics in Electrical Engineering: Radiowave Propagation and Antennas for Wireless Communication; (3) REG. Prerequisites: ENEE 381 and completion of all lower division technical courses in the EE curriculum. See above note. EE majors (09090) only.
0101 **(19161)** Granatstein, V.
MW 2:00pm-3:15pm (ERF 1207)

ENEE498C Topics in Electrical Engineering: Fourier Optics; (3) REG. Prerequisites: ENEE 381 and completion of all lower division technical courses in the EE curriculum. See above note. EE majors (09090) only.
0101 **(19162)** Mait, J.
TuTh 3:30pm-4:45pm (JMP 3105)

ENEE498E Topics in Electrical Engineering: Electronics for Communication; (3) REG. Prerequisites: permission of department and completion of all lower-division technical courses in the EE curriculum. See above note. For ENEE majors (09090) only.
0101 **(19171)** Lin, H.
TuTh 11:00am-12:15pm (EGR 1108)

ENEE499 *(PermReq)* **Senior Projects in Electrical Engineering; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only.

ENEE610 Electrical Network Theory; (3) REG/AUD. *Prerequisite: undergraduate circuit theory or permission of instructor.*
0101 **(19298)** Newcomb, R.
MW 5:00pm-6:15pm (EGR 1108)

ENEE620 Random Processes in Communication and Control; (3) REG/AUD. *Prerequisite: ENEE 324 or equivalent.*
0101 **(19308)** Geraniotis, E.
MW 3:30pm-4:45pm (CHE 2108)

ENEE624 Advanced Digital Signal Processing; (3) REG/AUD. *Prerequisites: ENEE 425 or equivalent. Corequisite: ENEE 620. Formerly ENEE 724.*
0101 **(19318)** Liu, K.
MW 11:00am-12:15pm (CHM 0119)

ENEE625 Multi-user Communication; (3) REG/AUD. *Prerequisite: ENEE 620.*
0101 **(19331)** Shayman, M.
TuTh 5:00pm-6:15pm (ITV 1111)

ENEE646 Digital Computer Design; (3) REG/AUD. *Prerequisite: ENEE 446 or equivalent knowledge of basic computer design, as well as experience in assembly language programming for at least one instruction set architecture and basic probability theory.*
0101 **(19341)** Yeung, D.
TuTh 3:30pm-4:45pm (CHM 2201)

ENEE661 Nonlinear Control Systems; (3) REG/AUD. *Prerequisite: ENEE 460 or permission of instructor.*
0101 **(19351)** Krishnaprasad, P.
TuTh 12:30pm-1:45pm (CHE 2110)

ENEE663 System Theory; (3) REG/AUD. *Also offered as MAPL 640.*
0101 **(19361)** Baras, J.
MW 12:30pm-1:45pm (CHE 2108)

ENEE680 Electromagnetic Theory I; (3) REG/AUD. *Prerequisite: ENEE 381 or equivalent.*
0101 **(19371)** Ott, E.
TuTh 2:00pm-3:15pm (CHE 2108)

ENEE690 Quantum and Wave Phenomena with Electrical Application; (3) REG/AUD. *Prerequisites: ENEE 381 and ENEE 382 or equivalent.*
0101 **(19381)** Ho, P.
TuTh 5:00pm-6:15pm (EGR 3106)

ENEE694 Physics and Simulation of Semiconductor Devices; (3) REG/AUD. *Prerequisite: permission of instructor.*
0101 **(19391)** Goldsman, N.
TuTh 12:30pm-1:45pm (EGR 3106)

ENEE698A Graduate Seminar: Communication and Signal Processing Seminar; (1) REG/AUD. Electrical engineering majors only.
0101 **(19392)** Chellappa, R.
M 4:00pm-5:00pm (JMP 3104)

ENEE698B Graduate Seminar: Computer Engineering Seminar; (1) REG/AUD. Electrical engineering majors only.
0101 **(19393)** Jacob, B.
Tu 2:00pm-3:00pm (CHE 2145)

ENEE698C Graduate Seminar: Controls Seminar; (1) REG/AUD. Electrical engineering majors only.
0101 **(19394)** Abed, E.
M 9:45am-10:45am (EGR 0135)

ENEE698D Graduate Seminar: Electrophysics Seminar; (1) REG/AUD. Electrical engineering majors only.
0101 **(19395)** Striffler, C.
F 4:00pm-5:00pm (ERF 1207)

ENEE698E Graduate Seminar: Microelectronics Seminar; (1) REG/AUD. Electrical engineering majors only.
0101 **(19396)** Newcomb, R.
Tu 5:00pm-6:00pm (JMP 3105)

ENEE699 *(PermReq)* **Independent Studies in Electrical Engineering: Independent Study in Electrical Engineering; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENEE721 Information Theory; (3) REG/AUD. *Corequisite: ENEE 620. Prerequisite: STAT 400 or equivalent. Also offered as MAPL 731.*
0101 **(19441)** Ephremides, A.
MW 2:00pm-3:15pm (JMP 2229)

ENEE739Z Advanced Topics in Signal Processing: Digital Image Processing; (3) REG.
0101 **(19442)** Chellappa, R.
TuTh 11:00am-12:15pm (ITV 1111)

ENEE759B Advanced Topics in Computer Engineering: Advances in Low-Power Design Methodologies; (3) REG/AUD.
0101 **(19443)** Marculescu, D.
MW 9:30am-10:45am (JMP 2202)

ENEE762 Stochastic Control; (3) REG/AUD. *Prerequisite: ENEE 620 or equivalent; and ENEE 663/MAPL 640. Also offered as MAPL 742.*
0101 **(19451)** Marcus, S.
TuTh 9:30am-10:45am (JMP 3105)

ENEE793 Solid State Electronics; (3) REG/AUD. *Prerequisite: a graduate course in quantum mechanics or permission of instructor.*
0101 **(19461)** Yang, C.
TuTh 11:00am-12:15pm (JMP 2229)

ENEE799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ENEE899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ENES Engineering Science (Engineering)

ENES100 *(PermReq)* **Introduction to Engineering Design; (3)** REG/P-F/AUD. CORE: PS For Engineering majors only. ENES 100 may be used to fulfill the ENES 101 requirement effective Fall 1992.
0102 **(19656)** STAFF
W 11:00am-11:50am (CHE 2140)
M 10:00am-11:50am (JMP 1202)
0103 **(19657)** STAFF
W 11:00am-11:50am (PHY 0405)
M 2:00pm-3:50pm (JMP 1202)
0104 **(19658)** STAFF
W 11:00am-11:50am (PHY 1221)
Tu 8:00am-9:50am (JMP 1202)
0105 **(19659)** STAFF
W 11:00am-11:50am (CHM 0124)
Th 10:00am-11:50am (JMP 1202)
0106 **(19660)** STAFF
W 11:00am-11:50am (JMP 2229)
Tu 2:00pm-3:50pm (JMP 1202)
0202 **(19661)** STAFF
W 12:00pm-12:50pm (CHM 0122)
M 12:00pm-1:50pm (JMP 1202)
0203 **(19662)** STAFF
W 12:00pm-12:50pm (EGR 0135)
Th 8:00am-9:50am (JMP 1202)
0204 **(19663)** STAFF
W 12:00pm-12:50pm (HBK 0123)
Tu 12:00pm-1:50pm (JMP 1202)
0205 **(19664)** STAFF
W 12:00pm-12:50pm (CHM 2201)
Th 12:00pm-1:50pm (JMP 1202)
0206 **(19665)** STAFF
W 12:00pm-12:50pm (EGR 1110)
Th 2:00pm-3:50pm (JMP 1202)

ENES100+ Introduction to Engineering Design; (3) REG/P-F/AUD. CORE: PS Restricted to students in a First Year Focus Cluster.
0205 **(19667)** STAFF
W 12:00pm-12:50pm (CHM 2201)
Th 12:00pm-1:50pm (JMP 1202)
0206 **(19668)** STAFF
W 12:00pm-12:50pm (EGR 1110)
Th 2:00pm-3:50pm (JMP 1202)

ENES100G Introduction to Engineering Design; (3) REG/P-F/AUD. CORE: PS
0101 **(19687)** STAFF
W 11:00am-11:50am (EGR 1108)
F 10:00am-12:00pm (JMP 1202)
0102 **(19688)** STAFF
W 11:00am-11:50am (EGR 2112)
F 2:00pm-4:00pm (JMP 1202)
0201 **(19689)** STAFF
W 12:00pm-12:50pm (ZOP 1234)
Tu 10:00am-12:00pm (JMP 1202)
0301 **(19690)** STAFF
W 12:00pm-12:50pm (SYM 1308)
F 8:00am-10:00am (JMP 1202)
0302 **(19691)** STAFF
W 12:00pm-12:50pm (JMP 3105)
M 8:00am-10:00am (JMP 1202)

ENES100H Introduction to Engineering Design; (3) REG/P-F/AUD. CORE: PS For honors students only.
0101 **(19701)** STAFF
W 12:00pm-12:50pm (CHE 2140)
F 12:00pm-2:00pm (JMP 1202)

ENES102 *(PermReq)* **Statics; (2)** REG/P-F/AUD. *Prerequisite: MATH 140. For engineering majors only. Formerly ENES 110.*
0101 **(19711)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
Tu 1:00pm-1:50pm (CHE 2136) Dis
0102 **(19712)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
W 1:00pm-1:50pm (EGR 0110) Dis
0103 **(19713)** STAFF
TuTh 11:00am-11:50am (ARM 0131)
Th 1:00pm-1:50pm (EGR 2112) Dis
0201 **(19714)** STAFF
TuTh 11:00am-11:50am (ARM 0135)
Tu 1:00pm-1:50pm (CSS 2428) Dis
0202 **(19715)** STAFF
TuTh 11:00am-11:50am (ARM 0135)
W 1:00pm-1:50pm (EGR 1108) Dis
0203 **(19716)** STAFF
TuTh 11:00am-11:50am (ARM 0135)
Th 1:00pm-1:50pm (CHE 2136) Dis
0301 **(19717)** STAFF
Tu 11:00am-11:50am (JMP 3105)
Th 11:00am-12:50pm (EGR 3114) Dis

ENES188 *(PermReq)* **Special Topics; (1)** REG.
0101 **(19718)** Destler, W.
W 4:00pm-5:00pm (EGR 1202)

ENES190H Introduction to Design and Quality; (3) REG. *Prerequisite: permission of College. Also offered as BMGT 190.* First course in a sequence of four Total Quality Program Courses. For total Quality Program participants only.
0101 **(19727)** Dieter, G.
MW 5:00pm-6:15pm (VMH 2203)

ENES220 Mechanics of Materials; (3) REG/AUD. *Prerequisites: ENES 102; and MATH 141; and PHYS 161. For engineering majors only (not including ENEE majors).* Prerequisite: student in the College of Engineering.
0101 **(19737)** Chang, P.
MW 8:00am-8:50am (CHM 0127)
M 2:00pm-4:00pm (EGR 1104) Dis
0102 **(19738)** Chang, P.
MW 8:00am-8:50am (CHM 0127)
W 2:00pm-4:00pm (EGR 1104) Dis
0201 **(19739)** Chang, P.
MW 9:00am-9:50am (CHM 0127)
M 2:00pm-4:00pm (CHM 0122) Dis
0202 **(19740)** Chang, P.
MW 9:00am-9:50am (CHM 0127)
W 2:00pm-4:00pm (CHE 2136) Dis
0301 **(19741)** Albrecht, P.
MW 12:00pm-12:50pm (CHM 0127)
M 2:00pm-4:00pm (CHM 0127) Dis
0302 **(19742)** Albrecht, P.
MW 12:00pm-12:50pm (CHM 0127)
W 2:00pm-4:00pm (CHM 0127) Dis

ENES221 Dynamics; (3) REG/P-F/AUD. *Prerequisites: ENES 102 or ENES 110; and MATH 141; and PHYS 161.* Prerequisite: student in the College of Engineering.
0101 **(19752)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
M 1:00pm-2:50pm (JMP 3104) Dis
0102 **(19753)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
Tu 1:00pm-2:50pm (JMP 3104) Dis
0103 **(19754)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
W 1:00pm-2:50pm (JMP 3105) Dis
0104 **(19755)** Walston, W.
TuTh 8:00am-8:50am (EGR 1202)
Th 1:00pm-2:50pm (JMP 3104) Dis

ENES230 Introduction to Materials and their Applications; (3) REG/P-F/AUD. *Prerequisite: ENES 100 or permission of department.* Prerequisite: student in the College of Engineering.
0101 **(19765)** Kofinas, P.
TuTh 11:00am-12:15pm (CHE 2108)

ENES386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

ENES388 Engineering Honors Seminar; (1) REG/P-F.
0101 **(19776)** McCuen, R.
W 12:00pm-12:50pm (EGR 0102)

ENES388G *(PermReq)* **Engineering Honors Seminar: Practicum in Group Project Management; (1)** REG/P-F.
0101 **(19786)** Schnell, E.
Time and room to be arranged

ENES388T *(PermReq)* **Engineering Honors Seminar: Seminar in College Teaching; (1)** REG/P-F.
0101 **(19796)** Fines, J.
Time and room to be arranged

ENES490H The Total Quality Practicum; (3) REG/P-F/AUD. *Prerequisite: BMGT 390 or ENES 390. Also offered as BMGT 490.* Fourth course in a sequence of four Total Quality Program Courses. For total Quality Program participants only.
0101 **(19806)** Naft, J.
TuTh 5:00pm-6:15pm (VMH 1202)

ENFP Engineering, Fire Protection (Engineering)

ENFP251 Introduction to Fire Protection Engineering; (3) REG/P-F/AUD.
0101 **(19856)** Brannigan, V.
TuTh 9:30am-10:45am (EGR 0135)

ENFP300 Fire Protection Fluid Mechanics; (3) REG/P-F/AUD. *Prerequisites: MATH 246 and PHYS 262 and ENES 221.*
0101 **(19866)** Torero, J.
TuTh 2:00pm-3:15pm (EGR 0135)

ENFP320 Fire Assessment Methods and Laboratory; (4) REG/P-F/AUD. *For ENFP majors only.*
0101 **(19876)** Mowrer, F.
MW 1:30pm-2:50pm (EGR 0135)
W 3:00pm-4:50pm (Arranged) Lab

ENFP415 *(PermReq)* **Fire Dynamics; (3)** REG/P-F/AUD. *Prerequisites: ENFP 300 or ENCE 330 or ENME 342; and ENME 320 or ENCH 300; and ENFP 312 or permission of department.*
0101 **(19886)** Torero, J.
TuTh 3:30pm-4:45pm (EGR 0135)

ENFP416 *(PermReq)* **Problem Synthesis and Design; (3)** REG/P-F/AUD. *Senior standing.*
0101 **(19896)** Spivak, S.
Time and room to be arranged

ENFP421 *(PermReq)* **Functional and Life Safety Analysis; (3)** REG/P-F/AUD. *Prerequisite: ENFP 320. For ENFP majors only.*
0101 **(19906)** STAFF
Th 5:00pm-8:00pm (EGR 0135)

ENFP429 Independent Studies; (1-3) REG/P-F.
0101 **(19917)** Spivak, S.
Time and room to be arranged
0701 **(19918)** Torero, J.
Time and room to be arranged

ENFP431 Building Safety and the Law; (3) REG/P-F/AUD. *Junior standing.*
0101 **(19927)** Brannigan, V.
M 4:00pm-6:30pm (CHE 2140)

ENFP489 Special Topics; (3) REG/P-F/AUD.
0101 **(19937)** Spivak, S.
Time and room to be arranged

ENFP619 *(PermReq)* **Graduate Seminar; (1-3)** REG/AUD.
0101 **(19947)** Spivak, S.
M 3:00pm-3:50pm (EGL 1127)
Time and room to be arranged Dis

ENFP621 Analytical Procedures of Structural Fire Protection; (3) REG/AUD. *Prerequisite: ENFP 421.*
0101 **(19957)** Milke, J.
W 5:00pm-8:00pm (EGR 0135)

ENFP625 *(PermReq)* **Advanced Fire Modeling; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(19967)** STAFF
M 5:00pm-8:00pm (EGR 0135)

ENFP629 Selected Topics; (3) REG/AUD.
0101 **(19977)** Spivak, S.
Time and room to be arranged

ENFP799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENGL English (Arts and Humanities)

English as a second language classes are listed under UMEI.

A student enrolled in ENGL A101 for Spring 1998, will have a reserved seat in ENGL 101 for the Fall 1998 semester. The enrollment must be confirmed during Fall 1998 advance registration.

ENGL101 Introduction to Writing; (3) REG. Students with a TWSE score below 33 must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101.
0102 **(20129)** Diehl, L.
MWF 9:00am-9:50am (WDS 0104)
0103 **(20063)** Jones, C.
MWF 9:00am-9:50am (DNC 1147A)
0107 **(20064)** Jeffers, P.
MWF 9:00am-9:50am (KEY 0124)
0108 **(20065)** STAFF
MWF 9:00am-9:50am (DNC 1143)
0202 **(20066)** Colella, J.
MWF 10:00am-10:50am (KEY 0119)
0203 **(20067)** Diehl, L.
MWF 10:00am-10:50am (WDS 1131)
0204 **(20068)** Jones, C.
MWF 10:00am-10:50am (SQH 1121)
0205 **(20069)** Jeffers, P.
MWF 10:00am-10:50am (KEY 0123)
0206 **(20070)** Laudien, H.
MWF 10:00am-10:50am (EGR 3114)
0209 **(20072)** STAFF
MWF 10:00am-10:50am (ARM 0118)
0210 **(20073)** STAFF
MWF 10:00am-10:50am (ARM 0101)
0211 **(20136)** STAFF
MWF 10:00am-10:50am (ARM 0120)
0302 **(20075)** STAFF
MWF 11:00am-11:50am (ARM 0102)
0304 **(20130)** Davis, H.
MWF 11:00am-11:50am (SQH 2117)
0306 **(20077)** Ballantyne, J.
MWF 11:00am-11:50am (WDS 1127)
0311 **(20080)** STAFF
MWF 11:00am-11:50am (ARC 1125)
0312 **(20137)** STAFF
MWF 11:00am-11:50am (SQH 2120)
0401 **(20081)** STAFF
MWF 12:00pm-12:50pm (SQH 1105)
0402 **(20082)** Lissner, P.
MWF 12:00pm-12:50pm (KEY 0120)
0405 **(20083)** Walls, D.
MWF 12:00pm-12:50pm (WDS 1127)
0408 **(20084)** STAFF
MWF 12:00pm-12:50pm (CHE 2120)
0409 **(51823)** STAFF
MWF 12:00pm-12:50pm (DNC 1139B)
0503 **(20134)** STAFF
MWF 1:00pm-1:50pm (ARC 1121)
0504 **(20085)** Walls, D.
MWF 1:00pm-1:50pm (WDS 1127)
0506 **(20086)** STAFF
MWF 1:00pm-1:50pm (WDS 1131)
0507 **(51824)** STAFF
MWF 1:00pm-1:50pm (JMP 2202)
0508 **(51825)** STAFF
MWF 1:00pm-1:50pm (PHY 4208)
1002 **(20087)** Brenner, N.
TuTh 8:00am-9:15am (SQH 1111)
1004 **(20088)** STAFF
TuTh 9:30am-10:45am (HBK 1112)
1101 **(20089)** Berlatsky, E.
TuTh 9:30am-10:45am (KEY 0117)
1102 **(20090)** Piccininni, D.
TuTh 9:30am-10:45am (KEY 0119)
1103 **(20133)** STAFF
TuTh 9:30am-10:45am (EGR 3106)
1105 **(20091)** STAFF
TuTh 9:30am-10:45am (ARM 0105)
1106 **(20092)** STAFF
TuTh 9:30am-10:45am (ARM 0120)
1107 **(20093)** Brenner, N.
TuTh 9:30am-10:45am (KEY 0123)
1111 **(20096)** STAFF
TuTh 9:30am-10:45am (JMP 1109)
1112 **(20097)** STAFF
TuTh 9:30am-10:45am (SQH 2120)
1202 **(20098)** Madachy, P.
TuTh 11:00am-12:15pm (JMZ 3120)
1205 **(20100)** Rayford, P.
TuTh 11:00am-12:15pm (KEY 0117)
1207 **(20101)** STAFF
TuTh 11:00am-12:15pm (ARM 0116)
1208 **(20102)** STAFF
TuTh 11:00am-12:15pm (JUL 1105)
1209 **(20103)** STAFF
TuTh 11:00am-12:15pm (JMZ 2117)
1210 **(20104)** Berlatsky, E.
TuTh 11:00am-12:15pm (KEY 0123)
1212 **(20105)** STAFF
TuTh 11:00am-12:15pm (TWS 0131)
1213 **(20106)** Piccininni, D.
TuTh 11:00am-12:15pm (KEY 0120)
1215 **(20132)** STAFF
TuTh 11:00am-12:15pm (JMZ 1224)
1216 **(51826)** STAFF
TuTh 11:00am-12:15pm (TYD 1128)
1301 **(20108)** Murphy, K.
TuTh 12:30pm-1:45pm (HBK 1108)
1303 **(20109)** STAFF
TuTh 12:30pm-1:45pm (TLF 2101)
1304 **(20110)** STAFF
TuTh 12:30pm-1:45pm (WDS 1130)
1305 **(20111)** Madachy, P.
TuTh 12:30pm-1:45pm (JMP 1109)
1308 **(20112)** STAFF
TuTh 12:30pm-1:45pm (HBK 0103)
1309 **(51827)** STAFF
TuTh 12:30pm-1:45pm (EGR 1102)
1310 **(20113)** STAFF
TuTh 12:30pm-1:45pm (HBK 1116)
1401 **(20118)** Murphy, K.
TuTh 2:00pm-3:15pm (HBK 1116)
1403 **(20119)** STAFF
TuTh 2:00pm-3:15pm (SYM 1308)
1404 **(20120)** STAFF
TuTh 2:00pm-3:15pm (HJP 1229)
1405 **(20121)** STAFF
TuTh 2:00pm-3:15pm (KEY 0120)
1412 **(20124)** STAFF
TuTh 2:00pm-3:15pm (HBK 1112)
1413 **(20125)** STAFF
TuTh 2:00pm-3:15pm (ARM 0102)
1414 **(20126)** STAFF
TuTh 2:00pm-3:15pm (ARM 0110)
1501 **(20127)** STAFF
TuTh 3:30pm-4:45pm (ARM 0101)
1504 **(20128)** STAFF
TuTh 3:30pm-4:45pm (KEY 0120)
1601 **(20135)** Jessar, K.
TuTh 5:00pm-6:15pm (ASY 3215)

ENGL101+ Introduction to Writing; (3) REG. Restricted to students in a First Year Focus Cluster or College Park Scholars Program.
0001 **(20138)** Helwig, T.
MWF 8:00am-8:50am (CBD 1134)
Restricted to College Park Scholars - Science, Technology and Society.
0104 **(20140)** Pleydell, S.
MWF 9:00am-9:50am (CBD 1135)
Restricted to College Park Scholars - Environmental Studies.
0108 **(51693)** Payne, D.
MWF 9:00am-9:50am (HBK 0115)
Restricted to students in a First Year Focus Cluster.
0109 **(20141)** Honch, M.
MWF 9:00am-9:50am (CBD 1140)
Restricted to College Park Scholars - Advocates for Children.
0110 **(20142)** Colella, J.
MWF 9:00am-9:50am (KEY 0120)
Restricted to College Park Scholars - American Cultures.
0207 **(20171)** Barks, C.
MWF 10:00am-10:50am (HBK 0115)
Restricted to students in a First Year Focus Cluster.
0208 **(20143)** Dickson, N.
MWF 10:00am-10:50am (SQH 1111)
Restricted to students in a First Year Focus Cluster.
0209 **(20144)** Solomon, D.
MWF 10:00am-10:50am (CBD 1134)
Restricted to College Park Scholars - Arts.
0301 **(51687)** Burley, S.
MWF 11:00am-11:50am (ARM 0120)
Restricted to students in a First Year Focus Cluster.
0303 **(51698)** STAFF
MWF 11:00am-11:50am (ARM 0103)
Restricted to students in a First Year Focus Cluster.
0305 **(20146)** Beard, P.
MWF 11:00am-11:50am (CBD 1140)
Restricted to College Park Scholars - Science, Discovery, and the Universe.
0307 **(20147)** Solomon, D.
MWF 11:00am-11:50am (CBD 1134)
Restricted to College Park Scholars - Arts.
0308 **(51691)** Payne, D.
MWF 11:00am-11:50am (CHM 0122)
Restricted to students in a First Year Focus Cluster.
0309 **(51690)** Honch, M.
MWF 11:00am-11:50am (JMP 1109)
Restricted to students in a First Year Focus Cluster.
0310 **(20148)** Turney, R.
MWF 11:00am-11:50am (CBD 1135)
Restricted to College Park Scholars - Business, Society, and the Economy.
0410 **(20149)** Moody, S.
MWF 12:00pm-12:50pm (CBD 1134)
Restricted to College Park Scholars - International Studies.
0501 **(20150)** Beard, P.
MWF 12:00pm-12:50pm (CBD 1135)
Restricted to College Park Scholars - Advocates for Children.
0505 **(20151)** McDonald, K.
TuTh 12:30pm-1:45pm (CBD 1135)
Restricted to College Park Scholars - American Cultures.
0507 **(20152)** Honch, M.
MWF 1:00pm-1:50pm (CBD 1134)
Restricted to College Park Scholars - Environmental Studies.
0602 **(20153)** STAFF
MWF 2:00pm-2:50pm (CBD 1134)
Restricted to College Park Scholars - Environmental Studies.
0605 **(20154)** Burley, S.
MWF 2:00pm-2:50pm (CBD 1140)
Restricted to College Park Scholars - Life Sciences.
0606 **(20155)** STAFF
MWF 2:00pm-2:50pm (CBD 1135)
Restricted to College Park Scholars - Science, Technology, and Society.
0702 **(20156)** STAFF
MWF 3:00pm-3:50pm (CBD 1134)
Restricted to College Park Scholars - Science, Technology, and Society.
1007 **(20157)** Foss, R.
TuTh 9:30am-10:45am (CBD 1140)
Restricted to College Park Scholars - Science, Discovery, and the Universe.
1108 **(51689)** Groves, S.
TuTh 9:30am-10:45am (ARM 0119)
Restricted to students in a First Year Focus Cluster.
1110 **(20169)** Chang, E.
TuTh 9:30am-10:45am (KEY 0124)
Restricted to students in a First Year Focus Cluster.
1112 **(51694)** Bellows, N.
TuTh 9:30am-10:45am (SYM 1308)
Restricted to students in a First Year Focus Cluster.
1203 **(20172)** Hubbell, J.
TuTh 11:00am-12:15pm (JMP 1109)
Restricted to students in a First Year Focus Cluster.
1206 **(20158)** Dorsey, C.
TuTh 11:00am-12:15pm (CBD 1135)
Restricted to College Park Scholars - Science, Discovery, and the Universe.
1214 **(20167)** Chang, E.
TuTh 11:00am-12:15pm (SQH 1123)
Restricted to students in a First Year Focus Cluster.
1311 **(20159)** Dorsey, C.
TuTh 12:30pm-1:45pm (CBD 1134)
Restricted to College Park Scholars - Life Sciences.
1312 **(20160)** Foss, R.
TuTh 12:30pm-1:45pm (CBD 1140)
Restricted to College Park Scholars - Business, Society, and the Economy.
1313 **(20164)** Bellows, N.
TuTh 12:30pm-1:45pm (SQH 1111)
Restricted to students in a First Year Focus Cluster.
1314 **(20165)** Groves, S.
TuTh 12:30pm-1:45pm (HBK 0123)
Restricted to students in a First Year Focus Cluster.
1315 **(20168)** Solomon, J.
TuTh 12:30pm-1:45pm (JRN 1105)
Restricted to students in a First Year Focus Cluster.
1316 **(20166)** Chang, E.
TuTh 12:30pm-1:45pm (KEY 0117)
Restricted to students in a First Year Focus Cluster.
1407 **(51688)** McDonald, K.
TuTh 2:00pm-3:15pm (KEY 0119)
Restricted to students in a First Year Focus Cluster.
1408 **(20170)** Solomon, J.
TuTh 2:00pm-3:15pm (SQH 1121)
Restricted to students in a First Year Focus Cluster.
1601 **(20162)** Helwig, T.
MWF 9:00am-9:50am (CBD 1134)
Restricted to College Park Scholars - International Studies.

ENGL101A Introduction to Writing; (3) REG. Students should take ENGL 101A rather than ENGL 101 if their TWSE score (a subscore of the SAT verbal) is 33 or below.
1701 **(20173)** Turney, R.
MWF 1:00pm-1:50pm (TWS 0138)
1706 **(20174)** Oliver, G.
TuTh 11:00am-12:15pm (JMZ 1104)
1707 **(20175)** Lissner, P.
MWF 10:00am-10:50am (KEY 0124)

ENGL101H Introduction to Writing; (3) REG. For general honors students or students with a verbal SAT of 600 or better.
0101 **(20185)** Comment, K.
MWF 10:00am-10:50am (KEY 0117)
0201 **(20186)** Brookshire, D.
MWF 11:00am-11:50am (HBK 0123)
0301 **(20187)** Brookshire, D.
MWF 12:00pm-12:50pm (SQH 1123)
0401 **(20188)** Jones, T.
MWF 10:00am-10:50am (CHM 0122)
0501 **(20189)** Taylor, D.
TuTh 9:30am-10:45am (WDS 1130)
0701 **(20190)** Orgeron, D.
TuTh 11:00am-12:15pm (TWS 0135)
0801 **(20191)** Slusser, T.
TuTh 12:30pm-1:45pm (DNC 1147A)
0901 **(20192)** Slusser, T.
TuTh 2:00pm-3:15pm (TWS 2212)
1001 **(20193)** Comment, K.
MWF 9:00am-9:50am (SYM 1308)

ENGL101X Introduction to Writing; (3) REG. Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to Undergraduate Advising. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005: Advanced English as a Foreign Language, Semi-Intensive.
2002 **(20203)** Shemak, A.
TuTh 9:30am-10:45am (TWS 2212)
2003 **(20204)** Shemak, A.
TuTh 11:00am-12:15pm (TWS 2212)
2004 **(20205)** Walden, S.
MWF 10:00am-10:50am (HBK 0123)
2006 **(20206)** Saksena, R.
MWF 11:00am-11:50am (EGR 3114)
2007 **(20207)** Walden, S.
MWF 9:00am-9:50am (HBK 0123)
2009 **(20208)** Saksena, R.
MWF 12:00pm-12:50pm (HBK 0109)
2010 **(20209)** Williams, E.
TuTh 12:30pm-1:45pm (ARM 0105)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

ENGL201 Western World Literature: Homer to the Renaissance; (3) REG/P-F/AUD. CORE: HL
0101 **(20219)** Wilson, G.
TuTh 11:00am-12:15pm (WDS 1130)
0201 **(20220)** Driver, E.
TuTh 9:30am-10:45am (HBK 0103)
0301 **(20221)** Jones, T.
MWF 11:00am-11:50am (KEY 0121)

ENGL202 Western World Literature: Renaissance to the Present; (3) REG/P-F/AUD. CORE: HL
0101 **(20231)** Delrosso-Freeman, J.
MWF 10:00am-10:50am (ARM 0112)
0201 **(20232)** Taylor, D.
TuTh 11:00am-12:15pm (SQH 1105)

ENGL205 Introduction to Shakespeare; (3) REG/P-F/AUD. CORE: HL *Recommended for non-majors.*
0101 **(20242)** Sherman, A.
TuTh 11:00am-12:15pm (KEY 0126)
0201 **(20243)** Sherman, A.
TuTh 12:30pm-1:45pm (WDS 0104)
0301 **(20244)** Canaday, S.
TuTh 9:30am-10:45am (HBK 0123)
0401 **(20245)** Kelly, E.
MWF 10:00am-10:50am (SQH 2120)
0501 **(20246)** STAFF
MWF 11:00am-11:50am (KEY 0126)
0601 **(20247)** Suben, K.
TuTh 2:00pm-3:15pm (WDS 1131)
0701 **(20248)** Nelson, K.
MWF 1:00pm-1:50pm (HBK 1112)

ENGL211 English Literature: Beginnings to 1800; (3) REG/P-F/AUD. CORE: HL
0101 **(20258)** Bailey, K.
MWF 10:00am-10:50am (KEY 0125)
0201 **(20259)** Bailey, K.
MWF 11:00am-11:50am (HBK 0109)
0301 **(20260)** Lana, R.
TuTh 9:30am-10:45am (HBK 1116)
0401 **(20261)** Lana, R.
TuTh 11:00am-12:15pm (HBK 0109)

ENGL211H English Literature: Beginnings to 1800; (3) REG/P-F/AUD. CORE: HL For general honors students only.
0101 **(20269)** Hamilton, G.
MWF 11:00am-11:50am (SQH 1119)

ENGL212 English Literature: 1800 to the Present; (3) REG/AUD. CORE: HL
0101 **(20279)** Doggett, R.
TuTh 2:00pm-3:15pm (DNC 1147A)
0201 **(20280)** Hurd, R.
MWF 11:00am-11:50am (LEF 1221)
0301 **(20281)** Garofalo, D.
TuTh 11:00am-12:15pm (KEY 0125)
0401 **(20282)** Hurd, R.
MWF 10:00am-10:50am (KEY 0103)
0501 **(20283)** Doggett, R.
TuTh 12:30pm-1:45pm (ASY 3215)

ENGL221 American Literature: Beginning to 1865; (3) REG/P-F/AUD. CORE: HL
0101 **(20291)** Satelmajer, I.
MWF 10:00am-10:50am (DNC 1139B)
0301 **(20293)** McCarthy, K.
TuTh 9:30am-10:45am (DNC 1143)

ENGL222 American Literature: 1865 to Present; (3) REG/P-F/AUD. CORE: HL
0101 **(20301)** Gordon, M.
TuTh 9:30am-10:45am (SQH 2122)
0201 **(20302)** Tabor, K.
MWF 1:00pm-1:50pm (SQH 1121)
0301 **(20303)** Schramm, G.
TuTh 11:00am-12:15pm (TWS 0138)
0401 **(20304)** Duvall, J.
MWF 9:00am-9:50am (SQH 1107)
0501 **(20306)** Orlando, E.
MWF 10:00am-10:50am (SQH 1117)
0601 **(20305)** Schramm, G.
TuTh 12:30pm-1:45pm (SQH 1101)

ENGL234 Introduction to African-American Literature; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0201 **(20315)** Mondie, L.
TuTh 11:00am-12:15pm (TLF 2101)
0601 **(20319)** Mondie, L.
TuTh 9:30am-10:45am (WDS 1114)
0701 **(20320)** Singer, M.
MWF 10:00am-10:50am (SQH 2122)
0801 **(20321)** Wanko, F.
TuTh 12:30pm-1:45pm (WDS 1114)

ENGL234H Introduction to African-American Literature; (3) REG/P-F/AUD. CORE: HL DIVERSITY For general honors students only.
0101 **(20331)** Hammond, E.
MWF 10:00am-10:50am (KEY 0116)

ENGL235 Introduction to the Literatures of the African Diaspora; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Not open to students who have completed CMLT 235. Credit will be granted for only one of the following: CMLT 235 or ENGL 235.*
0101 **(20341)** Parker, M.
TuTh 2:00pm-3:15pm (SQH 1117)

ENGL241 Introduction to the Novel; (3) REG/P-F/AUD. CORE: HL
0101 **(20362)** Salamanca, J.
TuTh 9:30am-10:45am (SQH 1105)
0401 **(20363)** Solomon, T.
MWF 9:00am-9:50am (SQH 2117)
0601 **(20364)** Romagnolo, C.
MWF 11:00am-11:50am (SQH 1117)
0901 **(20365)** Macys, V.
TuTh 11:00am-12:15pm (LEF 1221)
1001 **(20366)** Solomon, T.
MWF 10:00am-10:50am (PHY 1219)

ENGL243 Introduction to Poetry; (3) REG/P-F/AUD. CORE: HL
0401 **(20387)** DiMarco, A.
TuTh 2:00pm-3:15pm (SQH 2122)
0501 **(20388)** Hubbell, J.
TuTh 9:30am-10:45am (HBK 0109)
0701 **(20390)** Forrester, M.
MWF 11:00am-11:50am (KEY 0123)
1201 **(20393)** Forrester, M.
MWF 1:00pm-1:50pm (HBK 0109)

ENGL244 Introduction to Drama; (3) REG/P-F/AUD. CORE: HL
0101 **(20403)** Macys, V.
TuTh 2:00pm-3:15pm (SQH 1103)
0201 **(20404)** Williams, G.
TuTh 11:00am-12:15pm (SQH 1117)
0401 **(20405)** Pearson, N.
MWF 11:00am-11:50am (DNC 1147A)

ENGL250 Introduction to Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as WMST 255. Credit will be granted for only one of the following: ENGL 250 or WMST 255.*
0101 **(20426)** Benvenuto, A.
TuTh 9:30am-10:45am (SQH 1103)
0201 **(20433)** Sevick, L.
TuTh 12:30pm-1:45pm (SQH 1117)
0301 **(20427)** Parikh, C.
MWF 11:00am-11:50am (DNC 1139B)
0401 **(20428)** Benvenuto, A.
TuTh 11:00am-12:15pm (ARM 0105)
0501 **(20429)** Breakstone, C.
TuTh 12:30pm-1:45pm (SQH 1119)
0601 **(20430)** Breakstone, C.
TuTh 2:00pm-3:15pm (CHM 0115)
0701 **(20431)** Walsh, A.
MWF 10:00am-10:50am (HBK 1112)

ENGL260 Introduction to Folklore; (3) REG/P-F/AUD. CORE: SH
0101 **(20442)** Moody, S.
MWF 10:00am-10:50am (SQH 1105)

ENGL277 Mythologies: An Introduction; (3) REG/P-F/AUD. CORE: HL
0101 **(20452)** Terchek, M.
TuTh 9:30am-10:45am (SQH 1117)
0201 **(20453)** Dickson, N.
MWF 11:00am-11:50am (SQH 2122)

ENGL278B Special Topics in Literature: Hebrew Bible Narrative; (3) REG/P-F/AUD. CORE: HL Also offered as JWST262.
0101 **(20472)** Berlin, A.
TuTh 12:30pm-1:45pm (JRN 1104)

ENGL278E Special Topics in Literature: Introduction to Multi-Ethnic Literatures; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0201 **(20474)** Chuh, K.
MWF 1:00pm-1:50pm (SQH 1105)

ENGL281 Standard English Grammar, Usage, and Diction; (3) REG/P-F/AUD.
0101 **(20492)** Dambroski, S.
MWF 9:00am-9:50am (SQH 1105)
0201 **(20493)** Oliver, G.
TuTh 9:30am-10:45am (SQH 2117)

ENGL282 Introduction to Rhetorical Theory; (3) REG/P-F/AUD. CORE: HO
0101 **(20503)** Macri, L.
MWF 11:00am-11:50am (PHY 4220)

ENGL291 Intermediate Writing; (3) REG/P-F/AUD.
0101 **(20513)** Ruppel, F.
MWF 11:00am-11:50am (KEY 0119)
0201 **(20514)** Barks, C.
MWF 9:00am-9:50am (HBK 1108)

ENGL294 Introduction to Creative Writing; (3) REG/P-F/AUD.
0101 **(20525)** Rayford, P.
TuTh 12:30pm-1:45pm (SQH 1123)
0301 **(20526)** Hammond, M.
MW 2:00pm-3:15pm (SQH 2122)

ENGL294N Introduction to Creative Writing; (3) REG/P-F/AUD. Creative writing taught from an African American perspective.
0101 **(20536)** Russell, V.
TuTh 3:30pm-5:00pm (NCC 0120)

ENGL296 Beginning Fiction Workshop; (3) REG/P-F/AUD.
0101 **(20546)** Ballantyne, J.
MW 12:00pm-1:15pm (KEY 0119)
0201 **(20547)** Brand, M.
TuTh 11:00am-12:15pm (ARM 0102)
0301 **(20548)** Brand, M.
TuTh 2:00pm-3:15pm (SQH 1111)

ENGL297 Beginning Poetry Workshop; (3) REG/P-F/AUD.
0101 **(20558)** Davis, H.
MW 2:00pm-3:15pm (SQH 1111)
0201 **(20559)** Williams, E.
TuTh 2:00pm-3:15pm (SQH 1123)
0301 **(20560)** Hammond, M.
MW 11:00am-12:15pm (TWS 0131)

ENGL301 Critical Methods in the Study of Literature; (3) REG/P-F/AUD. *For English and English education majors only.*
0101 **(20569)** Hammond, E.
MWF 9:00am-9:50am (SQH 1111)
0201 **(20570)** Cohen, W.
TuTh 2:00pm-3:15pm (SQH 2121)
0301 **(20571)** Donawerth, J.
TuTh 9:30am-10:45am (SQH 1111)
0401 **(20572)** Leinwand, T.
TuTh 11:00am-12:15pm (SQH 1111)
0501 **(20573)** Leonardi, S.
MWF 10:00am-10:50am (SQH 2117)
0601 **(20574)** Bauer, R.
MWF 1:00pm-1:50pm (JMZ 0202)
0701 **(20575)** Leonardi, S.
MWF 11:00am-11:50am (SQH 1105)
0801 **(20576)** Keenan, J.
TuTh 12:30pm-1:45pm (JMZ 0202)

ENGL310 Medieval and Renaissance British Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0301 **(20596)** Barry, J.
MWF 9:00am-9:50am (SQH 1121)

ENGL312 Romantic to Modern British Literature; (3) REG/P-F/AUD.
0101 **(20616)** Cate, G.
MWF 2:00pm-2:50pm (SQH 1105)
0201 **(20617)** Loizeaux, E.
MWF 1:00pm-1:50pm (KEY 0126)

ENGL313 American Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(20627)** Lindemann, M.
TuTh 12:30pm-1:45pm (SQH 2117)
0201 **(20628)** Ruppel, F.
MWF 1:00pm-1:50pm (SQH 1117)

ENGL348B Literary Works by Women: Immigrant Women's Experiences; (3) REG/P-F/AUD. DIVERSITY
0101 **(20638)** Ryan, L.
TuTh 9:30am-10:45am (SQH 1107)

ENGL360 African, Indian and Caribbean Writers; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(20648)** Morrison, S.
MWF 10:00am-10:50am (SQH 1103)

ENGL362 Caribbean Literature in English; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(20658)** Morrison, S.
MWF 1:00pm-1:50pm (SQH 2122)

ENGL373 *(PermReq)* **Senior Honors Project; (3)** REG/P-F/AUD. *Prerequisite: ENGL 370. For ENGL majors only.*
0101 **(20668)** STAFF
Tu 3:30pm-6:00pm (SQH 2122)

ENGL377 Medieval Myth and Modern Narrative; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department. Not open to students who have completed ENGL 361. Formerly ENGL 361.*
0101 **(20678)** Flieger, V.
MWF 10:00am-10:50am (SQH 1101)

ENGL379A Special Topics in Literature: African American Representations in Film and Fiction; (3) REG/P-F/AUD.
0101 **(20688)** STAFF
TuTh 9:30am-10:45am (SQH 1121)

ENGL379B Special Topics in Literature: Continental Renaissance and English Literature; (3) REG/P-F/AUD.
0101 **(20698)** Coogan, R.
MWF 10:00am-10:50am (SQH 1107)

ENGL379D Special Topics in Literature: Experimental Twentieth Century British Literature; (3) REG/P-F/AUD.
0101 **(20708)** Richardson, B.
TuTh 12:30pm-1:45pm (SQH 2122)

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; (3) REG. Prerequisite: two literature courses.
0101 **(20718)** Miller, J.
Tu 6:30pm-10:00pm (SQH 1120)

ENGL379G Special Topics in Literature: Films of Alfred Hitchcock; (3) REG.
0101 **(20728)** Miller, J.
W 6:30pm-10:00pm (SQH 1120)

ENGL379H Special Topics in Literature: Film Genre: What Was the Western?; (3) REG/P-F/AUD.
0101 **(20738)** Miller, J.
Th 6:30pm-10:00pm (SQH 1120)

ENGL379L Special Topics in Literature: Digital Narrative; (3) REG/P-F/AUD.
0101 **(51798)** Lifton, M.
TuTh 9:30am-10:45am (CSS 1410)

ENGL380 *(PermReq)* **Internship; (3-6)** REG. *Prerequisite: permission of department.*
0101 **(20778)** Terchek, M.
Time and room to be arranged
0201 **(20779)** Terchek, M.
Time and room to be arranged
0301 **(20780)** Shevlin, E.
Time and room to be arranged

ENGL381 *(PermReq)* **MGA Legislative Seminar; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(20790)** Terchek, M.
W 3:30pm-6:00pm (KEY 0126)

ENGL383 The Uses of Language; (3) REG/P-F/AUD.
0101 **(20800)** Hornyak, J.
MWF 10:00am-10:50am (KEY 0126)

ENGL391 Advanced Composition; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0001 **(20810)** Allocca, N.
MWF 8:00am-8:50am (SQH 1111)
0103 **(20811)** Allocca, N.
MWF 9:00am-9:50am (SQH 1123)
0104 **(20812)** Saklas, R.
MWF 9:00am-9:50am (SQH 2119)
0201 **(20813)** Saklas, R.
MWF 10:00am-10:50am (DNC 1147A)
0202 **(20814)** Allocca, N.
MWF 10:00am-10:50am (WDS 0104)
0301 **(20815)** STAFF
MWF 11:00am-11:50am (WDS 1131)
0302 **(20816)** Donehower, K.
MWF 11:00am-11:50am (SQH 1123)
0401 **(20817)** Berlinski, E.
MWF 12:00pm-12:50pm (SQH 1103)
0403 **(20818)** STAFF
MWF 12:00pm-12:50pm (SQH 1111)
0501 **(20819)** Berlinski, E.
MWF 1:00pm-1:50pm (SQH 1123)
0502 **(20820)** McNeilly, D.
MWF 1:00pm-1:50pm (SQH 1111)
0601 **(20821)** McNeilly, D.
MWF 2:00pm-2:50pm (SQH 2119)
1002 **(20822)** Weaver, S.
TuTh 8:00am-9:15am (SQH 2119)
1103 **(20823)** Tin Nyo, M.
TuTh 9:30am-10:45am (HBK 1108)
1201 **(20824)** Tin Nyo, M.
TuTh 11:00am-12:15pm (SQH 2121)
1202 **(20825)** STAFF
TuTh 11:00am-12:15pm (KEY 0119)
1204 **(20826)** Magnetti, C.
TuTh 11:00am-12:15pm (ARM 0121)
1301 **(20827)** Arnold, M.
TuTh 12:30pm-1:45pm (KEY 0123)
1302 **(20828)** STAFF
TuTh 12:30pm-1:45pm (ARM 0110)
1401 **(20829)** Arnold, M.
TuTh 2:00pm-3:15pm (KEY 0117)
1604 **(20830)** McNeilly, D.
W 6:00pm-8:40pm (SQH 1107)

ENGL391X Advanced Composition; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* Limited to students for whom English is a second language and who have scored below any of the following: SAT Verbal 400, TOEFL 575, CELT 250. Students who have received an "A" in ENGL 101 or its equivalent cannot register for ENGL 391X. This course satisfies the junior English requirement.
0201 **(20840)** Swatski, J.
TuTh 11:00am-12:15pm (KEY 0121)

ENGL392 Advanced Composition: Pre-Law; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0101 **(20850)** Dobson, K.
MWF 11:00am-11:50am (HBK 1112)
0201 **(20851)** Procopiow, N.
MWF 1:00pm-1:50pm (SQH 1103)
0301 **(20852)** Magnetti, C.
TuTh 12:30pm-1:45pm (ARM 0116)
0501 **(20853)** Magnetti, C.
TuTh 9:30am-10:45am (ARM 0101)
0601 **(20854)** Winett, M.
W 7:00pm-9:30pm (WDS 1131)
0701 **(20855)** Dobson, K.
MWF 10:00am-10:50am (KEY 0120)

ENGL393 Technical Writing; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0002 **(20865)** Keleher, S.
MWF 8:00am-8:50am (SQH 1123)
0101 **(20866)** Jones, E.
MWF 9:00am-9:50am (SQH 2120)
0103 **(20867)** Keleher, S.
MWF 9:00am-9:50am (SQH 2122)
0201 **(20868)** Donehower, K.
MWF 10:00am-10:50am (EGR 0102)
0202 **(20869)** Jones, E.
MWF 10:00am-10:50am (TWS 2228)
0301 **(20870)** Keleher, S.
MWF 11:00am-11:50am (KEY 0120)
0302 **(20871)** Eckroad, T.
MWF 11:00am-11:50am (EGR 1102)
0303 **(20872)** Hurley, J.
MWF 11:00am-11:50am (KEY 0117)
0401 **(20873)** Eckroad, T.
MWF 12:00pm-12:50pm (SQH 2121)
0402 **(20874)** Hurley, J.
MWF 12:00pm-12:50pm (SQH 1119)
0403 **(20875)** Jones, E.
MWF 12:00pm-12:50pm (SQH 2119)
0501 **(20876)** Donehower, K.
MWF 1:00pm-1:50pm (SQH 2121)
0502 **(20877)** Eckroad, T.
MWF 1:00pm-1:50pm (DNC 1139B)
0601 **(20878)** Berlinski, E.
MWF 2:00pm-2:50pm (KEY 0126)
1101 **(20879)** Porosky, P.
TuTh 9:30am-10:45am (HBK 0125)
1102 **(20880)** Post, T.
TuTh 9:30am-10:45am (WDS 1131)
1103 **(20881)** Rice, E.
TuTh 9:30am-10:45am (ARC 1123)
1104 **(20882)** Wappel, J.
TuTh 9:30am-10:45am (WDS 1127)
1201 **(20883)** Wappel, J.
TuTh 11:00am-12:15pm (ARM 0101)
1203 **(20884)** Rice, E.
TuTh 11:00am-12:15pm (HBK 0125)
1204 **(20885)** Schneiderman, B
TuTh 11:00am-12:15pm (SQH 2119)
1301 **(20886)** Schneiderman, B.
TuTh 12:30pm-1:45pm (SQH 2120)
1302 **(20887)** Post, T.
TuTh 12:30pm-1:45pm (KEY 0121)
1303 **(20888)** Callahan, E.
TuTh 12:30pm-1:45pm (HBK 0115)
1304 **(20889)** Pauli, R.
TuTh 12:30pm-1:45pm (KEY 0120)
1401 **(20890)** Callahan, E.
TuTh 2:00pm-3:15pm (ARM 0120)
1402 **(20891)** Pauli, R.
TuTh 2:00pm-3:15pm (KEY 0123)
1403 **(20892)** Post, T.
TuTh 2:00pm-3:15pm (ARM 0116)
1602 **(20893)** Neckere, E.
M 6:00pm-8:40pm (SQH 2117)
1603 **(20894)** Thiroff, M.
M 6:00pm-8:40pm (SQH 1103)
1604 **(20895)** Lowderbaugh, T.
Tu 6:00pm-8:40pm (SQH 2120)
1605 **(20896)** Roblyer, P.
Tu 6:00pm-8:40pm (SQH 2121)
1607 **(20897)** Post, T.
W 6:00pm-8:40pm (SQH 1103)
1608 **(20898)** Winett, M.
Th 6:00pm-8:40pm (SQH 1103)

ENGL393X Technical Writing; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* Limited to students for whom English is a second language and who have a score below any of the following: SAT Verbal 400, TOEFL 575, CELT 250. Students who have received an "A" in ENGL 101 or its equivalent cannot register for ENGL 393X. This course satisfies the junior English requirement.
0101 **(20908)** Waldman, J.
MWF 11:00am-11:50am (SQH 2119)
0201 **(20909)** Waldman, J.
MWF 1:00pm-1:50pm (KEY 0120)
0301 **(20910)** Swatski, J.
TuTh 8:00am-9:15am (HBK 1108)
0302 **(20911)** Inukai, C.
TuTh 9:30am-10:45am (ARM 0102)
0401 **(20912)** Inukai, C.
TuTh 11:00am-12:15pm (GEO 1120)
0501 **(20913)** Inukai, C.
TuTh 12:30pm-1:45pm (PLS 1176)
0601 **(20914)** Waldman, J.
MWF 12:00pm-12:50pm (KEY 0123)
0701 **(20915)** Swatski, J.
TuTh 9:30am-10:45am (ZOP 1232)

ENGL394 Business Writing; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0101 **(20925)** Harris, E.
MWF 9:00am-9:50am (KEY 0125)
0201 **(20926)** Harris, E.
MWF 10:00am-10:50am (SQH 2119)
0301 **(20927)** Harris, E.
MWF 11:00am-11:50am (SQH 1111)

ENGL394 cont'd

0302 (20928) Dambroski, S.
MWF 11:00am-11:50am (KEY 0124)
0401 (20929) Dambroski, S.
MWF 12:00pm-12:50pm (SQH 2122)
0402 (20930) Perry, R.
MWF 12:00pm-12:50pm (SQH 1107)
0501 (20931) Perry, R.
MWF 1:00pm-1:50pm (SQH 1101)
0601 (20932) Perry, R.
MWF 2:00pm-2:50pm (SQH 1103)
0602 (20933) Hendrickson, A.
TuTh 8:00am-9:15am (SQH 1103)
0701 (20934) Chartock, L.
TuTh 9:30am-10:45am (DNC 1139B)
0702 (20935) Haller, T.
TuTh 9:30am-10:45am (SQH 2119)
0801 (20936) Porosky, P.
TuTh 11:00am-12:15pm (DNC 1147A)
0802 (20937) Lake, C.
TuTh 11:00am-12:15pm (DNC 1139B)
0803 (20938) Haller, T.
TuTh 11:00am-12:15pm (PLS 1176)
0901 (20939) Lake, C.
TuTh 12:30pm-1:45pm (SQH 2119)
0902 (20940) Porosky, P.
TuTh 12:30pm-1:45pm (HBK 1112)
0903 (20941) Wappel, J.
TuTh 12:30pm-1:45pm (ASY 3221)
0904 (20942) Chartock, L.
TuTh 12:30pm-1:45pm (KEY 0119)
1001 (20943) Chartock, L.
TuTh 2:00pm-3:15pm (SQH 2119)
1201 (20944) Peters, L.
Tu 6:00pm-8:45pm (SQH 1103)
1301 (20945) STAFF
W 6:00pm-8:45pm (SQH 1101)

ENGL395 Writing for Health Professions; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0101 (20955) Johnson, J.
TuTh 12:30pm-1:45pm (DNC 1139B)
0102 (20956) Doyle, A.
MWF 11:00am-11:50am (SQH 2121)
0201 (20957) Hurley, J.
MWF 1:00pm-1:50pm (SQH 2119)
0301 (20958) Johnson, J.
TuTh 11:00am-12:15pm (ARC 1125)
0401 (20959) Doyle, A.
MWF 9:00am-9:50am (WDS 1127)
0501 (20960) Doyle, A.
MWF 10:00am-10:50am (WDS 1127)

ENGL396 *(PermReq)* Intermediate Fiction Workshop; (3) REG/P-F/AUD. *Prerequisite: permission of department.*
0101 (20970) Zuravleff, M.
TuTh 11:00am-12:15pm (SQH 2122)

ENGL397 *(PermReq)* Intermediate Poetry Workshop; (3) REG/P-F/AUD. *Prerequisite: permission of department.*
0101 (20980) Berger, D.
TuTh 2:00pm-3:15pm (SQH 2123)

ENGL399 *(PermReq)* Senior Seminar; (3) REG/P-F/AUD. Prerequisite: 86 semester hours of college credit.
0101 (20996) Kleine, D.
TuTh 12:30pm-1:45pm (SQH 3109)
0201 (20990) King, N.
MW 11:00am-12:15pm (SQH 4116)
0301 (20991) Kauffman, L.
MW 2:00pm-3:15pm (SQH 3109)
0401 (20992) Smith, M.
MW 1:00pm-2:15pm (SQH 3105)
0601 (20993) Pearson, B.
TuTh 9:30am-10:45am (SQH 3105)
0701 (20994) Cate, G.
MW 10:00am-11:15am (SQH 3105)

ENGL399X *(PermReq)* Senior Seminar: Metaphor; (3) REG. For English honors students.
0101 (21005) Turner, M.
TuTh 11:00am-12:15pm (SQH 3109)

ENGL399Y *(PermReq)* Senior Seminar; (3) REG. For English honors students.
0101 (21015) Sherman, W.
TuTh 2:00pm-3:15pm (SQH 3105)

ENGL402 Chaucer; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21025) Rutherford, C.
TuTh 9:30am-10:45am (KEY [redacted])

ENGL403 Shakespeare: The Early Works; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21035) Keenan, J.
TuTh 11:00am-12:15pm (SQH 1119)
0201 (21036) Coogan, R.
MWF 9:00am-9:50am (SQH 1101)

ENGL404 Shakespeare: The Later Works; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21046) Olmert, M.
TuTh 9:30am-10:45am (SQH 1101)
0201 (21047) Barry, J.
MWF 11:00am-11:50am (SQH 1121)
0301 (21048) Grossman, M.
TuTh 12:30pm-1:45pm (SQH 1105)

ENGL408 Literature by Women Before 1800; (3) REG/P-F/AUD.
0101 (21058) McDowell, P.
TuTh 2:00pm-3:15pm (SQH 1107)

ENGL412 Literature of the Seventeenth Century, 1600-1660; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21068) Hamilton, G.
MWF 1:00pm-1:50pm (SQH 2117)

ENGL417 Literature of the Eighteenth Century, 1750-1800; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21078) Carretta, V.
TuTh 12:30pm-1:45pm (SQH 1121)

ENGL420 Literature of the Romantic Period I; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature of permission of department.*
0101 (21098) Wang, O.
MWF 2:00pm-2:50pm (SQH 1121)

ENGL423 Literature of the Victorian Period II; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21108) Peterson, W.
MWF 11:00am-11:50am (KEY 0116)

ENGL425 Modern British Literature; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21118) Kleine, D.
TuTh 2:00pm-3:15pm (SQH 1119)

ENGL429 *(PermReq)* Independent Research in English; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENGL430 American Literature, Beginning to 1810, the Colonial and Federal Periods; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (51657) Bauer, R.
MWF 2:00pm-2:50pm (JMZ 0202)

ENGL432 American Literature: 1865 to 1914, Realism and Naturalism; (3) REG. *Prerequisite: two English courses in literature or permission of department.*
0101 (21204) Lindemann, M.
TuTh 11:00am-12:15pm (SQH 1107)

ENGL434 American Drama; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21215) Bryer, J.
TuTh 9:30am-10:45am (SQH 1119)

ENGL437 Contemporary American Literature; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21225) Wyatt, D.
TuTh 2:00pm-3:15pm (SQH 2117)

ENGL440 The Novel in America to 1914; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21235) Auchard, J.
TuTh 12:30pm-1:45pm (SQH 2121)

ENGL446 Post-Modern British and American Poetry; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21255) Loizeaux, E.
MWF 11:00am-11:50am (SQH 1101)

ENGL449 Playwriting: Screenwriting I; (3) REG/P-F/AUD.
0201 (51816) Lifton, M.
Tu 3:30pm-6:30pm (SQH 2119)
0301 (51817) Lifton, M.
Th 3:30pm-6:30pm (SQH 2119)

ENGL452 English Drama From 1660 to 1800; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21265) Olmert, M.
TuTh 11:00am-12:15pm (SQH 2120)

ENGL454 Modern Drama; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21275) Canaday, S.
TuTh 12:30pm-1:45pm (SQH 1107)

ENGL456 The Nineteenth-Century English Novel; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21285) Cohen, W.
TuTh 11:00am-12:15pm (SQH 1121)

ENGL462 Folksong and Ballad; (3) REG/P-F/AUD.
0101 (21305) Pearson, B.
TuTh 11:00am-12:15pm (SQH 2117)

ENGL466 Arthurian Legend; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21315) Flieger, V.
MWF 1:00pm-1:50pm (SQH 2120)

ENGL470 African-American Literature: The Beginning to 1910; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21325) Logan, S.
TuTh 9:30am-10:45am (SQH 2121)

ENGL472 African-American Literature: 1945 to Present; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 (21335) King, N.
MWF 9:00am-9:50am (SQH 1117)

ENGL479A Selected Topics in English and American Literature after 1800: AIDS and African America: History, Rhetoric, and Literature; (3) REG/P-F/AUD.
0101 (21336) Marcuse, M.
TuTh 9:30am-10:45am (KEY 0121)

ENGL479F Selected Topics in English and American Literature after 1800: Virginia Woolf in Comparative Context; (3) REG/P-F/AUD.
0101 (21345) Fuegi, J.
Tu 1:00pm-4:00pm (JMZ 1117)

ENGL479K Selected Topics in English and American Literature after 1800: The Computer and the Text: Multimedia as Critical Expression; (3) REG/P-F/AUD.
0101 (21355) Kolker, R.
MW 2:00pm-3:15pm (CSS 1410)

ENGL488B Topics in Advanced Writing: Reading and Writing Creative Non-Fiction; (3) REG/P-F/AUD.
0101 (21365) Macri, L.
MWF 1:00pm-1:50pm (SQH 1107)

ENGL488T Topics in Advanced Writing: Writing Classic Prose; (3) REG/P-F/AUD.
0101 (21375) Turner, M.
TuTh 2:00pm-3:15pm (SQH 1105)

ENGL489A Special Topics in English Language: The Language of Advertising; (3) REG/P-F/AUD.
0101 (21385) Hendrickson, A.
TuTh 11:00am-12:15pm (SQH 1101)

ENGL489L Special Topics in English Language: Language of the Law; (3) REG/P-F/AUD.
0101 (21395) Procopiow, N.
MWF 11:00am-11:50am (SQH 1107)

ENGL493 Advanced Expository Writing; (3) REG/P-F/AUD. *Prerequisite: satisfactory completion of professional writing requirement.*
0101 (21405) Fahnestock, J.
MWF 2:00pm-2:50pm (SQH 2117)

ENGL494 Editing and Document Design; (3) REG. *Prerequisite: ENGL 391, ENGL 393 or equivalent.*
0101 (21415) Hendrickson, A.
TuTh 9:30am-10:45am (SQH 1123)

ENGL498 *(PermReq)* Advanced Fiction Workshop; (3) REG/P-F/AUD.
0101 (21425) Norman, H.
Tu 2:00pm-4:30pm (SQH 3109)
0201 (21426) McKnight, R.
Th 2:00pm-4:30pm (SQH 4116)

ENGL499 *(PermReq)* Advanced Poetry Workshop; (3) REG/P-F/AUD.
0101 (21436) Collier, M.
W 2:00pm-4:30pm (SQH 1123)
0201 (21437) Levin, P.
Th 2:00pm-4:30pm (SQH 2120)

ENGL601 Literary Research and Critical Contexts; (3) REG/AUD.
0101 (21447) Sherman, W.
Th 6:30pm-9:00pm (SQH 2121)
0201 (21448) Marcuse, M.
W 6:30pm-9:00pm (SQH 2121)

ENGL605 Readings in Linguistics; (3) REG/AUD.
0101 (21458) Turner, M.
Tu 6:30pm-9:00pm (SQH 1123)

ENGL611 Approaches to College Composition; (3) REG/AUD. *Required for graduate assistants (optional to other graduate students).*
0101 (21468) Coleman, L.
M 6:30pm-9:00pm (SQH 1111)

ENGL620 Readings in Medieval English Literature; (3) REG/AUD.
0101 (21478) STAFF
M 3:30pm-6:00pm (SQH 2119)

ENGL621 Readings in Renaissance English Literature; (3) REG/AUD.
0101 (21488) Hamilton, D.
Tu 6:30pm-9:00pm (SQH 1101)

ENGL623 Readings in Eighteenth-Century English Literature; (3) REG/AUD.
0101 (21498) McDowell, P.
Tu 6:30pm-9:00pm (SQH 3109)

ENGL624 Readings in English Romantic Literature; (3) REG/AUD.
0101 (21508) Fraistat, N.
W 3:30pm-6:00pm (SQH 2121)

ENGL625 Readings in English Victorian Literature; (3) REG/AUD.
0101 (21518) Cate, G.
M 6:30pm-9:00pm (SQH 3109)

ENGL627 Readings in American Literature, 1865-1914; (3) REG/AUD.
0101 (21528) Auchard, J.
Tu 3:30pm-6:00pm (SQH 1111)

ENGL628 Readings in African American Literature; (3) REG/AUD.
0101 (21538) Reid-Pharr, R.
W 6:30pm-9:00pm (SQH 1123)

ENGL631 Readings in 20th Century American Literature; (3) REG/AUD.
0101 (21548) Chuh, K.
M 3:30pm-6:00pm (SQH 1101)

ENGL668 Readings in Modern Literary Theory; (3-6) REG/AUD.
0101 (21558) Richardson, B.
Th 3:30pm-6:00pm (SQH 3109)

ENGL688 *(PermReq)* Poetry Workshop; (3) REG/AUD.
0101 (21568) Plumly, S.
W 4:00pm-6:30pm (SQH 3109)
0201 (21569) Levin, P.
W 4:00pm-6:30pm (SQH 2120)

ENGL689 *(PermReq)* Fiction Workshop; (3) REG/AUD.
0101 (21579) McKnight, R.
W 4:00pm-6:30pm (SQH 2117)

ENGL699 *(PermReq)* Independent Study; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENGL728 *(PermReq)* Seminar in Seventeenth-Century Literature: Milton and Sexual Difference; (3) REG/AUD.
0101 (21660) Grossman, M.
Th 3:30pm-6:00pm (SQH 3105)

ENGL729 *(PermReq)* Seminar in Eighteenth-Century Literature: Transatlantic Identities in the Eighteenth Century; (3) REG/AUD.
0101 (21670) Carretta, V.
Tu 3:30pm-6:00pm (SQH 3105)

ENGL738A *(PermReq)* Seminar in Nineteenth-Century Literature: Lord Byron and Family: An Historical Overview; (3) REG/AUD.
0101 (21680) Fuegi, J.
M 6:30pm-9:00pm (SQH 2120)

ENGL748A *(PermReq)* Seminar in American Literature: Racial Discourse at the Nadir, 1880-1910; (3) REG/AUD.
0101 (21690) Logan, S.
W 3:30pm-6:00pm (SQH 3105)

ENGL748B *(PermReq)* Seminar in American Literature: American Poetries and Autobiographies in Manuscript, Print and Digital Cultures; (3) REG/AUD.
0101 (21700) Smith, M.
M 6:30pm-9:00pm (SQH 3105)

ENGL749A *(PermReq)* Studies in Twentieth-Century Literature: Romantic Moderns; (3) REG/AUD.
0101 (21710) Plumly, S.
Tu 3:30pm-6:00pm (SQH 4116)

ENGL758A *(PermReq)* Literary Criticism and Theory: Technology and Literary Scholarship; (3) REG/AUD.
0101 (21720) Peterson, W.
W 6:30pm-9:00pm (SQH 1111)

ENGL758C *(PermReq)* Literary Criticism and Theory: Paradigms of Theory; (3) REG/AUD.
0101 (21730) Wang, O.
W 3:30pm-6:00pm (SQH 4116)

ENGL759A *(PermReq)* Seminar in Literature and the Other Arts: Arresting Images; (3) REG/AUD.
0101 (21740) Kauffman, L.
M 3:30pm-6:00pm (SQH 2122)

ENGL759B *(PermReq)* Seminar in Literature and the Other Arts: Defining the Classic American Style in Film; (3) REG/AUD.
0101 (21750) Kolker, R.
Tu 1:00pm-3:30pm (SQH 4116)

ENGL768A *(PermReq)* Studies in Drama: Major Figures in American Drama; (3) REG/AUD.
0101 (21770) Bryer, J.
W 3:30pm-6:00pm (SQH 2122)

ENGL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENGL898 *(PermReq)* Pedagogical Mentoring for Doctoral Students; (1-3) S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENGL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENMA Engineering, Materials (Engineering)

ENMA181 Introduction to Materials; (1) REG.
0101 (21932) Wilson, O.
Th 3:30pm-4:45pm (CHE 2136)

ENMA310 *(PermReq)* Materials Laboratory I: Structural Characterization; (3) REG/P-F/AUD. *Prerequisite: ENES 230. Corequisite: ENMA 460. Junior standing.*
0101 (21981) Martinez-Miranda, L.
Tu 12:20pm-1:35pm (CHE 2145)
TuTh 9:00am-11:45am (Arranged) Lab

ENMA362 *(PermReq)* Mechanical Properties; (3) REG/AUD. *Prerequisite: ENES 230. Junior standing or permission of department.*
0101 (21991) Ankem, S.
TuTh 3:30pm-4:40pm (CHE 2140)
F 2:00pm-4:00pm (CHE 2140) Lab

ENMA460 Physics of Solid Materials; (3) REG/P-F/AUD. *Prerequisites: MATH 241 and PHYS 263. Junior standing.*
0101 (22001) Ramesh, R.
MW 5:00pm-6:15pm (EGR 3102)

ENMA461 Thermodynamics of Materials; (3) REG/P-F/AUD. *Prerequisite: ENES 230. Junior standing.*
0101 (22011) Roytburd, A.
TuTh 2:00pm-3:15pm (CHE 2136)

ENMA463 Macroprocessing of Materials; (3) REG/P-F/AUD. *Prerequisite: ENES 230. Junior standing.*
0101 (22021) Lloyd, I.
MW 3:30pm-4:45pm (JMP 1109)

ENMA464 Environmental Effects on Engineering Materials; (3) REG/P-F/AUD. *Prerequisite: ENES 230 or permission of both department and instructor.*
0101 (22022) Arsenault, R.
MW 12:20pm-1:35pm (CHE 2118)

ENMA470 *(PermReq)* Structure and Properties of Engineering Materials; (3) REG/P-F/AUD.
0101 (22031) Martinez-Miranda, L.
TuTh 3:30pm-4:45pm (CHE 2120)
F 3:30pm-4:45pm (CHE 2120)

ENMA471 *(PermReq)* Kinetics, Diffusion and Phase Transformations; (3) REG/P-F/AUD. *Pre- or corequisite: ENMA 461. Junior standing or permission of department.*
0101 (22041) Yeh, K.
MW 2:00pm-3:15pm (CHE 2118)

ENMA489 *(PermReq)* Selected Topics in Engineering Materials; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENMA489E Selected Topics in Engineering Materials: Radiation Engineering; (3) REG/P-F/AUD.
0101 (22052) Al-Sheikhly, M.
TuTh 10:00am-11:15am (CHE 2120)

ENMA489R Selected Topics in Engineering Materials: Manufacturing with Polymers; (3) REG/P-F/AUD.
0101 (22062) Briber, R.
TuTh 11:00am-12:15pm (CHE 2118)

ENMA490 *(PermReq)* Materials Design; (3) REG/P-F/AUD. *Senior standing.*
0101 (22072) Yeh, K.
TuTh 11:00am-2:00pm (Arranged)

ENMA495 Polymeric Engineering Materials I; (3) REG/P-F/AUD. *Prerequisite: ENES 230.*
0101 (22082) Kofinas, P.
TuTh 9:30am-10:45am (CHE 2140)

ENMA499 *(PermReq)* Senior Laboratory Project; (1-3) REG/P-F/AUD.
0101 (22092) Wilson, O.
Time and room to be arranged

ENMA650 *(PermReq)* **Structure of Engineering Materials; (3)** REG/AUD. *Prerequisite: ENMA 470 or equivalent.*
0101 **(22102)** Christou, A.
MW 5:00pm-6:15pm (EGR 0104)

ENMA659A *(PermReq)* **Special Topics in Electronic Materials: Ferroelectric Materials; (3)** REG/AUD.
0101 **(22112)** Ramesh, R.
TuTh 5:00pm-6:15pm (EGR 0102)

ENMA661 Kinetics of Reactions in Materials; (3) REG/AUD. *Prerequisite: ENMA 660.*
0101 **(22122)** Briber, R.
TuTh 5:00pm-6:15pm (CHE 2118)

ENMA672 Mechanical Properties of Engineering Materials; (3) REG/AUD. *Prerequisite: ENMA 671.*
0101 **(22132)** Arsenault, R.
MW 3:30pm-4:45pm (CHE 2120)

ENMA680 Experimental Methods in Materials Science; (3) REG/AUD. *Prerequisite: ENMA 650.*
0101 **(22142)** Salamanca-Riba, L.
TuTh 12:30pm-1:35pm (CHE 2118)

ENMA697 Seminar in Materials Science and Engineering; (1) REG/AUD. *Repeatable to 6 credits if content differs.*
0101 **(22152)** Christou, A.
F 1:00pm-1:50pm (CHE 2110)

ENMA698 *(PermReq)* **Special Problems in Materials Science and Engineering; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENMA698L Special Problems in Materials Science and Engineering: Structural Determination Laboratory; (1) REG.
0101 **(22179)** Salamanca-Riba, L.
Th 9:30am-11:30am (CHE 1116) Lab
0201 **(22180)** Salamanca-Riba, L.
F 2:00pm-4:00pm (CHE 1116) Lab

ENMA698M Special Problems in Materials Science and Engineering: Mathematical Methods; (3) REG/AUD.
0101 **(22191)** Mosleh, A.
Th 2:00pm-4:45pm (CHE 2118)

ENMA698W *(PermReq)* **Special Problems in Materials Science and Engineering; (3)** REG/AUD.
0101 **(22221)** Wuttig, M.
Time and room to be arranged

ENMA698X Special Problems in Materials Science and Engineering: Theory of Smart Materials; (3) REG/AUD.
0101 **(22222)** Roytburd, A.
MW 10:00am-11:15am (CHE 2116)

ENMA799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENMA899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENME Engineering, Mechanical (Engineering)

ENME232 *(PermReq)* **Thermodynamics; (3)** REG/P-F/AUD. *Prerequisite: PHYS 262.*
0101 **(22323)** diMarzo, M.
MW 10:00am-10:50am (CHE 2110)
M 1:00pm-2:50pm (EGR 3106) Dis
0102 **(22324)** diMarzo, M.
MW 10:00am-10:50am (CHE 2110)
W 1:00pm-2:50pm (EGR 3106) Dis
0103 **(22325)** diMarzo, M.
MW 10:00am-10:50am (CHE 2110)
F 1:00pm-2:50pm (EGR 3106) Dis

ENME252 *(PermReq)* **Electronics and Instrumentation I; (3)** REG/P-F/AUD. *Corequisite: PHYS 263.*
0101 **(22335)** Chen, S.
MW 8:00am-8:50am (EGR 1202)
M 1:00pm-2:50pm (EGR 0102) Lab
0102 **(22336)** Chen, S.
MW 8:00am-8:50am (EGR 1202)
Tu 1:00pm-2:50pm (EGR 0102) Lab
0103 **(22337)** Chen, S.
MW 8:00am-8:50am (EGR 1202)
W 1:00pm-2:50pm (EGR 0102) Lab
0104 **(22338)** Chen, S.
MW 8:00am-8:50am (EGR 1202)
Th 1:00pm-2:50pm (EGR 0102) Lab
0105 **(22339)** Chen, S.
MW 8:00am-8:50am (EGR 1202)
F 1:00pm-2:50pm (EGR 0102) Lab

ENME320 Thermodynamics; (3) REG/P-F/AUD. *Prerequisites: MATH 141; and PHYS 262.*
0101 **(22349)** STAFF
MWF 9:00am-9:50am (EGR 3106)
0201 **(22350)** STAFF
MWF 10:00am-10:50am (EGR 1104)

ENME331 *(PermReq)* **Fluid Mechanics; (3)** REG/P-F/AUD. *Prerequisites: ENME 232 and ENES 221.*
0101 **(22360)** Bigio, D.
TuTh 9:00am-9:50am (EGR 1202)
Tu 1:00pm-2:50pm (EGR 2154) Lab
0102 **(22361)** Bigio, D.
TuTh 9:00am-9:50am (EGR 1202)
W 1:00pm-2:50pm (CHE 2145) Lab
0103 **(22362)** Bigio, D.
TuTh 9:00am-9:50am (EGR 1202)
Th 1:00pm-2:50pm (EGR 1110) Lab

ENME332 *(PermReq)* **Transfer Processes; (3)** REG/P-F/AUD. *Prerequisite: ENME 331.*
0101 **(22372)** STAFF
MW 10:00am-10:50am (CHM 0127)
Tu 1:00pm-2:50pm (MTH 1311) Dis
0102 **(22373)** STAFF
MW 10:00am-10:50am (CHM 0127)
W 1:00pm-2:50pm (JMP 1109) Dis
0103 **(22374)** STAFF
MW 10:00am-10:50am (CHM 0127)
Th 1:00pm-2:50pm (MTH 1311) Dis

ENME351 *(PermReq)* **Electronics and Instrumentation II; (3)** REG/P-F/AUD. *Prerequisites: ENME 252 and PHYS 263.*
0101 **(22384)** STAFF
TuTh 11:00am-11:50am (CHE 2110)
M 1:00pm-2:50pm (EGR 0104) Lab
0102 **(22385)** STAFF
TuTh 11:00am-11:50am (CHE 2110)
Tu 1:00pm-2:50pm (EGR 0104) Lab
0103 **(22386)** STAFF
TuTh 11:00am-11:50am (CHE 2110)
W 1:00pm-2:50pm (EGR 0104) Lab
0104 **(22387)** STAFF
TuTh 11:00am-11:50am (CHE 2110)
Th 1:00pm-2:50pm (EGR 0104) Lab

ENME361 *(PermReq)* **Vibration, Controls and Optimization I; (3)** REG/P-F/AUD. *Prerequisites: ENES 221 and ENES 220 and MATH 246.*
0101 **(22397)** STAFF
TuTh 10:00am-10:50am (EGR 1202)
M 1:00pm-2:50pm (EGR 3108) Lab
0102 **(22398)** STAFF
TuTh 10:00am-10:50am (EGR 1202)
Tu 1:00pm-2:50pm (EGR 3108) Lab

ENME362 *(PermReq)* **Vibrations, Controls and Optimization II; (3)** REG/P-F/AUD. *Prerequisites: ENME 351 and ENME 361.*
0101 **(22408)** STAFF
MW 12:00pm-12:50pm (EGR 1202)
W 1:00pm-2:50pm (CHE 2120) Dis
0102 **(22409)** STAFF
MW 12:00pm-12:50pm (EGR 1202)
Th 1:00pm-2:50pm (EGR 0108) Dis

ENME371 *(PermReq)* **Product Engineering and Manufacturing; (3)** REG/P-F/AUD. *Prerequisite: ENES 221.*
0101 **(22419)** STAFF
MW 11:00am-11:50am (JMP 2202)
F 9:00am-10:50am (JMP 2202) Dis
0201 **(22420)** STAFF
MW 11:00am-11:50am (JMP 3105)
F 11:00am-12:50pm (JMP 3105) Dis

ENME382 *(PermReq)* **Engineering Materials and Manufacturing Processes; (3)** REG/P-F/AUD. *Prerequisite: ENES 220.*
0101 **(22430)** STAFF
MW 9:00am-9:50am (EGR 1202)
M 2:00pm-3:50pm (CHM 0119) Dis
0201 **(22431)** STAFF
MW 9:00am-9:50am (CHM 0119)
W 2:00pm-3:50pm (ARM 0117) Dis

ENME392 Statistical Methods for Product and Processes Development; (3) REG/P-F/AUD. *Prerequisite: MATH 241.*
0101 **(22441)** STAFF
TuTh 8:00am-9:15am (JMP 2229)

ENME400 *(PermReq)* **Machine Design; (3)** REG/P-F/AUD. *Prerequisites: ENME 310; and ENME 360. Corequisite: ENME 401.*
0101 **(22451)** STAFF
TuTh 8:00am-9:15am (EGR 3108)

ENME408 *(PermReq)* **Selected Topics in Engineering Design: Automotive Design; (3)** REG/P-F/AUD.
0101 **(22461)** STAFF
M 3:30pm-4:45pm (EGR 1202)
W 3:30pm-4:45pm (EGR 1102)

ENME414 *(PermReq)* **Computer-Aided Design; (3)** REG/P-F/AUD. *Prerequisites: ENME 205; and MATH 241 or equivalent.* Design technical elective.
0101 **(22471)** STAFF
MWF 8:00am-8:50am (EGR 3108)

ENME423 *(PermReq)* **Environmental Engineering; (3)** REG/P-F/AUD. *Prerequisites: ENME 321 and senior standing in mechanical engineering.*
0101 **(22481)** STAFF
MW 3:30pm-4:45pm (EGR 0135)

ENME465 *(PermReq)* **Introductory Fracture Mechanics; (3)** REG/P-F/AUD. *Senior standing in engineering.*
0101 **(22491)** STAFF
TuTh 3:30pm-4:45pm (EGR 2154)

ENME471 *(PermReq)* **Integrated Product and Process Development I; (3)** REG/P-F/AUD. *Prerequisite: ENME 371.*
0101 **(22501)** STAFF
MW 1:00pm-1:50pm (EGR 2154)
F 1:00pm-2:50pm (EGR 2154) Lab
0201 **(22502)** STAFF
MW 1:00pm-1:50pm (EGR 1104)
F 1:00pm-2:50pm (EGR 0110) Lab

ENME472 *(PermReq)* **Integrated Product and Process Development II; (3)** REG/P-F/AUD. CORE: CS *Prerequisite: ENME 471.*
0101 **(22512)** Pavlin, V.
TuTh 11:00am-11:50am (EGR 3106)
Th 12:00pm-1:50pm (PHY 4220) Lab
0201 **(22513)** STAFF
TuTh 11:00am-11:50am (EGR 2154)
Th 12:00pm-1:50pm (EGR 2154) Lab

ENME473 *(PermReq)* **Mechanical Design of Electronic Systems; (3)** REG/P-F/AUD. *Prerequisites: ENME 310; and ENME 360; and ENME 321.*
0101 **(22523)** STAFF
TuTh 9:30am-10:45am (EGR 2154)

ENME488 *(PermReq)* **Special Problems; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors.

ENME489 *(PermReq)* **Special Topics in Mechanical Engineering; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENME489D *(PermReq)* **Special Topics in Mechanical Engineering: Design Optimization; (3)** REG/P-F/AUD.
0101 **(22637)** STAFF
TuTh 2:00pm-3:15pm (EGR 2112)

ENME489M *(PermReq)* **Special Topics in Mechanical Engineering: Computational Mechanics; (3)** REG/P-F/AUD.
0101 **(22638)** STAFF
MW 3:30pm-4:45pm (EGR 3102)

ENME489P *(PermReq)* **Special Topics in Mechanical Engineering: Human Powered Submarine; (3)** REG.
0101 **(22639)** Erickson-Natishan, M.
Time and room to be arranged

ENME489U *(PermReq)* **Special Topics in Mechanical Engineering: Topics in Thermodynamics; (3)** REG/P-F/AUD.
0101 **(22647)** STAFF
TuTh 3:30pm-4:45pm (EGR 3106)

ENME489X *(PermReq)* **Special Topics in Mechanical Engineering: Autonomous Vehicle Design; (3)** REG.
0101 **(22648)** Anand, D.
Time and room to be arranged

ENME489Z *(PermReq)* **Special Topics in Mechanical Engineering: Advanced Strength of Materials; (3)** REG/P-F/AUD.
0101 **(22657)** STAFF
MW 10:00am-10:50am (EGR 2112)
W 2:00pm-3:50pm (CHM 0124) Dis

ENME604 Systematic Design of Mechanisms; (3) REG/AUD. *Prerequisite: undergraduate kinematics.*
0101 **(22667)** STAFF
MW 5:00pm-6:15pm (EGR 2112)

ENME605 Advanced Systems Control; (3) REG/AUD. *Prerequisite: ENME 403 or permission of instructor.*
0101 **(22677)** Walsh, G.
MW 2:00pm-3:15pm (ITV 1111)

ENME623 Analysis of Machining Systems; (3) REG/AUD. *Prerequisites: (ENME 605 and ENME 662) or permission of instructor.*
0101 **(22687)** STAFF
TuTh 3:30pm-4:45pm (EGR 2112)

ENME633 Advanced Classical Thermodynamics; (3) REG/AUD. *Prerequisites: ENME 315, or equivalent or permission of instructor.*
0101 **(22697)** STAFF
MW 3:30pm-4:45pm (EGR 3108)

ENME640 Fundamentals of Fluid Mechanics; (3) REG/AUD. *Prerequisite: ENME 700 or equivalent or permission of instructor. Formerly ENME 651.*
0101 **(22707)** Piomelli, U.
MW 5:00pm-6:15pm (EGR 2154)

ENME642 Hydrodynamics I; (3) REG/AUD. *Prerequisite: ENME 640 or equivalent or permission of instructor. Formerly ENME 653.*
0101 **(22717)** STAFF
TuTh 3:30pm-4:45pm (CHM 0128)

ENME656 Physics of Turbulent Flow; (3) REG/AUD. *Prerequisites: (ENME 640; and ENME 641 or equivalent) or permission of instructor.*
0101 **(22727)** STAFF
TuTh 5:00pm-6:15pm (EGR 2154)

ENME662 Linear Vibrations; (3) REG/AUD. *Prerequisite: ENME 360 or equivalent or permission of instructor.*
0101 **(22737)** Baz, A.
MW 3:30pm-4:45pm (ITV 1111)

ENME673 Energy and Variational Methods in Applied Mechanics; (3) REG/AUD.
0101 **(22747)** STAFF
TuTh 3:30pm-4:45pm (EGR 0104)

ENME677 Applied Elasticity; (3) REG/AUD. *Prerequisite: MATH 462 or equivalent.*
0101 **(22757)** STAFF
MW 5:00pm-6:15pm (EGR 3106)

ENME788 Seminar: Mechanical Engineering Seminar; (1) REG/AUD.
0101 **(22767)** STAFF
Time and room to be arranged

ENME799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENME808 *(PermReq)* **Advanced Topics in Mechanical Engineering; (3)** REG/AUD.
0101 **(22830)** STAFF
Time and room to be arranged

ENME808A Advanced Topics in Mechanical Engineering: Advanced Mathematics in Engineering Sciences; (3) REG/AUD.
0101 **(22840)** STAFF
TuTh 5:00pm-6:15pm (JMP 3104)

ENME808C Advanced Topics in Mechanical Engineering: Applied Finite Element Methods; (3) REG/AUD.
0101 **(22850)** STAFF
TuTh 5:00pm-6:15pm (EGR 3108)

ENME808G Advanced Topics in Mechanical Engineering: Manufacturing Systems Design and Control; (3) REG/AUD.
0101 **(22860)** STAFF
TuTh 5:00pm-6:15pm (EGR 2107)

ENME808L Advanced Topics in Mechanical Engineering: Analytical and Computational Methods in Advanced Dynamics; (3) REG/AUD.
0101 **(22870)** STAFF
TuTh 5:00pm-6:15pm (EGR 0110)

ENME808N Advanced Topics in Mechanical Engineering: Geometric Modeling for CAD/CAM; (3) REG.
0101 **(22871)** STAFF
MW 3:30pm-4:45pm (EGR 2154)

ENME808T Advanced Topics in Mechanical Engineering: Plastic Packaging; (3) REG/AUD.
0101 **(22880)** STAFF
TuTh 5:00pm-6:15pm (EGR 0108)

ENME808Y Advanced Topics in Mechanical Engineering: Electro Optics; (3) REG.
0101 **(22881)** Mead, P.
TuTh 3:30pm-4:45pm (JMP 2202)

ENME899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENNU Engineering, Nuclear (Engineering)

ENNU310 Environmental Aspects of Nuclear Engineering; (3) REG/P-F/AUD. *Prerequisites: [MATH 241 or MATH 246; and PHYS 263] or permission of both department and instructor.*
0101 **(22992)** Pertmer, G.
TuTh 9:30am-10:45am (CHE 2136)

ENNU440 *(PermReq)* **Nuclear Technology Laboratory; (3)** REG/P-F/AUD. *Prerequisites: MATH 240; and PHYS 263.* Offered fall only.
0101 **(23002)** Gavrilas, M.
Tu 1:00pm-3:00pm (CHE 2140)
Th 1:00pm-5:00pm (CHE 2145) Lab
Th 1:00pm-5:00pm (CHE 2302) Dis

ENNU441 *(PermReq)* **Nuclear Engineering Laboratory I; (1)** REG/P-F/AUD. *Corequisite: ENNU 450.*
0101 **(23012)** Gavrilas, M.
Tu 1:00pm-3:00pm (CHE 2140)
Th 1:00pm-5:00pm (CHE 2145) Lab
Th 1:00pm-5:00pm (CHE 2302) Dis

ENNU450 Nuclear Reactor Engineering I; (3) REG/P-F/AUD. *Prerequisites: [MATH 246; and PHYS 263] or permission of both department and instructor.* Offered fall only.
0101 **(23022)** Wolf, L.
TuTh 5:00pm-6:15pm (CHE 2145)

ENNU468 *(PermReq)* **Research; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENNU468C *(PermReq)* **Research: Laboratory for Radiation Engineering and Processing; (2-3)** REG/P-F/AUD.
0101 **(23044)** Al-Sheikhly, M.
Time and room to be arranged

ENNU468E Research: Radiation Engineering; (3) REG/P-F/AUD.
0101 **(23054)** Al-Sheikhly, M.
TuTh 10:00am-11:15am (CHE 2120)

ENNU620 Methods of Engineering Analysis; (3) REG/AUD. *Also offered as ENRE 620.*
0101 **(23075)** Mosleh, A.
Th 2:00pm-4:45pm (CHE 2118)

ENNU648 Special Problems in Nuclear Engineering; (1-16) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENNU648P Special Problems in Nuclear Engineering: Radiation Sciences; (3) REG/AUD.
0101 **(23145)** Gavrilas, M.
TuTh 11:00am-12:15pm (MTH B0425)

ENNU648R Special Problems in Nuclear Engineering: Thermal Hydraulics and Nuclear Safety; (3) REG/AUD.
0101 **(23097)** Wolf, L.
M 6:30pm-9:00pm (CHE 2116)

ENNU648Z Special Problems in Nuclear Engineering: Seminar in Materials Reliability and Radiation Effects; (1) REG/AUD.
0101 **(23107)** Christou, A.
F 1:00pm-1:50pm (CHE 2110)

ENNU799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENNU899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENPM Engineering, Professional Masters (Engineering)

ENPM600 Probability and Stochastic Processes for Engineers; (3) REG/AUD. *Prerequisite: undergraduate introduction to discrete and continuous probability.* Taught at the Shady Grove Center.
0101 **(23199)** Nandkumar, S.
Tu 6:30pm-9:10pm (Arranged)

ENPM601 Analog and Digital Communication Systems; (3) REG/AUD. *Prerequisite: ENPM 600 or equivalent.*
0101 **(23209)** Palmer, L.
M 4:00pm-6:40pm (EGR 2107)

ENPM603 Theory and Applications of Digital Signal Processing; (3) REG/AUD. *Prerequisite: undergraduate introduction to discrete-time systems.*
0101 **(23219)** Syrmos, G.
W 7:00pm-9:40pm (ITV 1111)

ENPM608 Software Design and Implementation; (3) REG/AUD. Prerequisite: undergraduate software course, C or C++.
0101 **(23229)** Bender, H.
Th 7:00pm-9:40pm (EGR 2107)

ENPM620 *(PermReq)* **Computer Aided Engineering Analysis; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(23249)** Marks, C.
M 7:00pm-9:40pm (ITV 1111)

ENPM626 Thermal Destructive Technology; (3) REG/AUD. *Prerequisites: ENME 315 and ENME 321.*
0101 **(23259)** Farrell, R.
Tu 7:00pm-9:40pm (EGR 2107)

ENPM634 Indoor Air Quality Engineering; (3) REG/AUD.
0101 **(23269)** Persily, A.
W 4:00pm-6:40pm (EGR 2107)

ENPM641 *(PermReq)* **Systems Engineering Principles; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(23283)** Austin, M.
Th 7:00pm-9:40pm (ITV 1111)

ENPM643 *(PermReq)* **Systems Engineering Design Project; (3)** REG/AUD. *Prerequisites: ENPM 642 and permission of department.*
0101 **(23293)** Rubloff, G.
Tu 7:00pm-9:40pm (EGR 0102)

ENPM645 *(PermReq)* **Systems Financial and Contract Management; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(23303)** Richardson, L.
M 6:30pm-9:10pm (EGR 3106)

ENPM660 Composite Structures; (3) REG/AUD. Taught at Southern Maryland Higher Education Center, St. Mary's County.
0101 **(23313)** Miller, J.
Tu 6:00pm-8:40pm (Arranged)

ENPM661 Introduction to the Structure of Materials; (3) REG/AUD.
0101 **(23323)** Christou, A.
MW 5:00pm-6:15pm (EGR 0104)

ENPM662 Introductory Thermodynamics of Materials; (3) REG/AUD.
0101 **(23333)** STAFF
TuTh 5:00pm-6:15pm (EGR 3102)

ENPM663 Introduction to Kinetics of Reactions in Materials; (3). REG/AUD. *Prerequisite: ENMA 461.*
0101 **(23343)** Yeh, K.
MW 2:00pm-3:15pm (CHE 2118)

ENPM808 *(PermReq)* **Advanced Topics in Engineering; (1-3)** REG/AUD.
0101 **(23353)** Cunniff, P.
Time and room to be arranged

ENPM808A Advanced Topics in Engineering: Environmental Law for Engineers and Scientists; (3) REG/AUD. Majors only.
0101 **(23363)** Brown, M.
Tu 7:00pm-9:40pm (ITV 1111)

ENPM808I Advanced Topics in Engineering: Fundamentals of Fluid Mechanics; (3) REG/AUD. Taught at the Southern Maryland Higher Education Center, St. Mary's County.
0101 **(23373)** STAFF
Th 6:00pm-8:40pm (Arranged)

ENPM808R Advanced Topics in Engineering: Recycling Industrial and Municipal Wastes; (3) REG/AUD. This course is taught at the HEAT center.
0101 **(23383)** Amey, E.
Sa 9:00am-11:40am (Arranged)

ENPM808X *(PermReq)* **Advanced Topics in Engineering: Independent Study in Environmental Engineering I; (3)** REG/AUD.
0101 **(23393)** Cunniff, P.
Time and room to be arranged

ENRE Reliability Engineering
(Engineering)

ENRE489C Special Topics in Reliability Engineering: Applied Reliability Analysis; (3) REG/P-F/AUD.
0101 **(23453)** Roush, M.
Tu 2:00pm-4:40pm (ITV 1111)

ENRE620 Mathematical Techniques of Reliability Engineering; (3) REG/AUD.
0101 **(23494)** Mosleh, A.
Th 2:00pm-4:45pm (CHE 2118)

ENRE648 Special Problems in Reliability Engineering; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENRE648G Special Problems in Reliability Engineering: Software Quality Assurance; (3) REG/AUD.
0101 **(23532)** Smidts, C.
Tu 6:30pm-9:10pm (ITV 1100)

ENRE648I Special Problems in Reliability Engineering: Departmental Seminar; (1) REG/AUD.
0101 **(23542)** Christou, A.
F 1:00pm-1:50pm (CHE 2110)

ENRE648L Special Problems in Reliability Engineering: Materials Selection and Mechanical Reliability; (3) REG/AUD.
0101 **(23562)** Ankem, S.
M 6:30pm-9:10pm (ITV 1100)

ENRE648Q Special Problems in Reliability Engineering: Microelectronics Device Reliability; (3) REG/AUD.
0101 **(23575)** Bernstein, J.
MW 2:00pm-4:45pm (CHE 2116)

ENRE648S Special Problems in Reliability Engineering: Principles of Reliability Analysis; (3) REG/AUD.
0101 **(23586)** Modarres, M.
W 2:00pm-4:45pm (Arranged)

ENRE648T Special Problems in Reliability Engineering: Fundamentals of Failure Mechanisms; (3) REG/AUD.
0101 **(23596)** Bernstein, J.
Th 6:30pm-9:10pm (ITV 1100)

ENRE799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENRE899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENSE Systems Engineering
(Engineering)

ENSE621 *(PermReq)* **Systems Engineering Principles; (3)** REG/AUD. *Prerequisite: permission of department. Credit will be granted for only one of the following: ENSE 621 or ENSE 603.*
0101 **(23727)** Austin, M.
Th 7:00pm-9:40pm (ITV 1111)

ENSE623 *(PermReq)* **Systems Engineering Design Project; (3)** REG/AUD. *Prerequisite: ENSE 622 and permission of department. Credit will be granted for only one of the following: ENSE 623 or ENSE 610.*
0101 **(23737)** Rubloff, G.
Tu 7:00pm-9:40pm (EGR 0102)

ENSE625 *(PermReq)* **Systems Financial and Contract Management; (3)** REG/AUD. *Prerequisite: permission of department. Credit will be granted for only one of the following: ENSE 625 or ENSE 612.*
0101 **(23747)** Richardson, L.
M 6:30pm-9:10pm (EGR 3106)

ENSE799 *(PermReq)* **Systems Engineering Thesis; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ENSP Environmental Science and Policy
(Agriculture and Natural Resources)

ENSP101 Introduction to Environmental Science; (3) REG. *Not open to students who have completed PBIO 235.*
0101 **(23769)** STAFF
TuTh 11:00am-12:15pm (PLS 1140)
Th 2:00pm-2:50pm (PLS 1158) Dis
0102 **(23770)** STAFF
TuTh 11:00am-12:15pm (PLS 1140)
Th 2:00pm-2:50pm (PLS 1168) Dis
0103 **(23771)** STAFF
TuTh 11:00am-12:15pm (PLS 1140)
F 9:00am-9:50am (PLS 1130) Dis
0104 **(23772)** STAFF
TuTh 11:00am-12:15pm (PLS 1140)
F 9:00am-9:50am (ZOP 1238) Dis
0105 **(23773)** STAFF
TuTh 11:00am-12:15pm (PLS 1140)
F 11:00am-11:50am (PLS 1184) Dis
0106 **(23774)** STAFF
TuTh 11:00am-12:15pm (PLS 1140)
F 11:00am-11:50am (ZOP 1238) Dis

ENTM Entomology
(Life Sciences)

ENTM100 Insects; (3) REG/P-F/AUD. CORE: LS
0101 **(23829)** Hellman, J.
TuTh 2:00pm-3:15pm (PHY 1412)

ENTM111 Beekeeping; (2) REG/AUD.
0101 **(23839)** Hellman, J.
TuTh 8:00am-9:00am (PLS 1184)

ENTM205 Principles of Entomology; (4) REG/P-F/AUD. CORE: LL Students must pay a $40.00 Laboratory Materials fee.
0101 **(23849)** Raupp, M.
TuTh 9:30am-10:45am (PLS 1130)
Tu 11:00am-1:00pm (PLS 1161) Lab
0102 **(23850)** Raupp, M.
TuTh 9:30am-10:45am (PLS 1130)
Th 11:00am-1:00pm (PLS 1161) Lab

ENTM303 International Pesticide Problems and Solutions; (3) REG/P-F/AUD. DIVERSITY *Prerequisites: (BIOL 101 and BIOL 102) or (PBIO 100 and PBIO 101) or BIOL 105.*
0101 **(23860)** Bottrell, D.
MWF 9:00am-9:50am (PLS 1111)

ENTM313 Biodiversity Issues in Conservation Management; (3) REG/AUD. *Prerequisite: PBIO 200 or ENTM 205 or ZOOL 210 or permission of department.*
0101 **(23870)** Bottrell, D.
TuTh 11:00am-12:15pm (PLS 1119)

ENTM399 *(PermReq)* **Special Problems; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENTM400 Animal-Plant Interactions; (3) REG. *Prerequisites: BIOL 106 and one of the following: [ENTM 205, ZOOL 210, PBIO 200] or permission of department.* Acceptable toward Biological Sciences Specialization areas: BEES, GENB (category B), and ZOOL.
0101 **(24053)** Barbosa, P.
TuTh 9:30am-10:45am (CSS 2330)

ENTM401 Animal-Plant Interactions Laboratory; (1) REG. *Pre- or corequisite: ENTM 400.* Acceptable toward Biological Sciences Specialization areas: BEES, GENB (category B), and ZOOL.
0101 **(24054)** Barbosa, P.
TuTh 2:00pm-2:50pm (ZOP 0271)

ENTM423 Arthropod Form and Function; (4) REG/AUD. *Prerequisites: BIOL 106 and [ENTM 205 or ZOOL 210] or permission of department.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(23904)** Shultz, J.
MWF 9:00am-9:50am (PLS 1115)
F 1:00pm-4:00pm (PLS 1161) Lab

ENTM424 Insect Diversity and Classification; (4) REG/P-F/AUD. *Prerequisite: ENTM 205 or permission of department.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(23915)** Shultz, J.
M 11:00am-11:50am (PLS 1158)
TuTh 2:00pm-5:00pm (PLS 1161) Lab

ENTM453 Insect Pests of Ornamentals and Turf; (3) REG/P-F/AUD. *Prerequisite: ENTM 205 or permission of department.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(23925)** Davidson, J.
TuTh 9:30am-10:45am (PLS 1119)
M 1:00pm-3:30pm (PLS 1161) Lab

ENTM454 Managing Pests Without Pesticides; (4) REG/P-F. *Prerequisites: BIOL 105 and [PBIO 365 or ENTM 205 or ENTM 303 or permission of department].* Students must pay a $40.00 Laboratory Materials fee.
0101 **(23935)** Bottrell, D.
MWF 1:00pm-1:50pm (PLS 1158)
W 2:00pm-5:00pm (PLS 1161) Lab

ENTM482 Freshwater Biology; (4) REG/P-F. *Prerequisites: BIOL 106 and [ENTM 205 or ZOOL 210]. Credit will be granted for only one of the following: ENTM 482 or ENTM 428. Formerly ENTM 428.*
0101 **(23945)** Lamp, W.
MW 9:00am-9:50am (PLS 1168)
MW 10:00am-1:00pm (PLS 1161) Lab

ENTM499 Selected Topics in Entomology: Modern Parasitology; (4) REG/P-F/AUD. Prerequisites: ZOOL 211 or MICB 200; or permission of instructor. Credit will be granted for only one of the following: ZOOL 328A or ENTM 499. Acceptable toward Biological Sciences Specialization areas: PHNB (ancillary), BGEN, GENB (category B), CMBG (non-lab), MICB (non-lab), ENTM, and ZOOL. Crosslisted as MICB 388A. Students must pay a $40.00 Laboratory Materials fee.
0101 **(23955)** Sina, B.
TuTh 9:30am-10:45am (PLS 1162)
F 9:00am-12:00pm (PLS 1161) Lab

ENTM699 *(PermReq)* **Advanced Entomology; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENTM701 *(PermReq)* **Teaching Entomology; (1)** S-F. *Prerequisite: permission of instructor. For LFSC graduate students only.*
0101 **(24061)** STAFF
Time and room to be arranged

ENTM788B Entomological Topics: Store Product Pest Management; (2) REG/AUD.
0101 **(23977)** Hellman, J.
Time and room to be arranged

ENTM788D Entomological Topics: Pest Management Implementation; (2) REG/AUD.
0101 **(23987)** Bottrell, D.
Tu 3:30pm-5:30pm (PLS 1172)

ENTM789 Field Experience in Pest Management; (1-6) REG/AUD.
0101 **(23997)** Dively, G.
Time and room to be arranged

ENTM798A Topic Seminar: Seminar in Biosystematics and Morphology; (1) REG/AUD.
0101 **(24007)** Mitter, C.
Time and room to be arranged

ENTM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENTM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENTS Telecommunications
(Engineering)

ENTS608 Telecommunications Seminar; (1) REG.
0101 **(24102)** STAFF
Time and room to be arranged

ENTS609 Telecommunications Project; (3) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENTS620 Principles of Telecommunications; (3) REG.
0101 **(24128)** Geraniotis, E.
Tu 5:30pm-8:15pm (EGR 0104)

ENTS630 The Economics of International Telecommunications; (3) REG.
0101 **(24138)** Bailey, J.
Th 5:30pm-8:15pm (VMH 1314)

ENTS631 Competitive Strategies and Public Policies in Telecommunications; (3) REG.
0101 **(24148)** Bailey, J.
M 5:30pm-8:15pm (VMH 1109)

ENTS640 Telecommunication Networks; (3) REG.
0101 **(24158)** Shayman, M.
W 5:30pm-8:15pm (AVW 2460)

ENTS650 Network Security; (3) REG.
0101 **(24168)** Schneider, E.
Tu 5:30pm-8:15pm (EGR 1110)

ENTS689C Special Topics: Design of Telecommunications Solutions to Business Problems; (3) REG.
0101 **(24169)** STAFF
W 5:30pm-8:15pm (Arranged)

FMST Family Studies
(Health and Human Performance)

FMST105 Individuals in Families; (3) REG/P-F/AUD. *Formerly FMCD 105.*
0101 **(24218)** Avery, A.
MWF 11:00am-11:50am (MMH 1304)

FMST260 Couple Relationships; (3) REG/P-F/AUD. *Formerly FMCD 260.*
0101 **(24228)** Rubin, R.
TuTh 2:00pm-3:15pm (MMH 1400)

FMST290 Family Economics; (3) REG/P-F/AUD.
0101 **(24238)** Mokhtari, M.
TuTh 5:00pm-6:15pm (MMH 1400)

FMST298F Special Topics in Family Studies: The Future of Families; (3) REG/P-F/AUD.
0101 **(24248)** Leticcq, B.
MWF 12:00pm-12:50pm (MMH 1400)

FMST302 Research Methods in Family Studies; (3) REG/P-F/AUD. *Prerequisite: introductory statistics course. For FMST majors only. Formerly FMCD 302.*
0101 **(24258)** Leticcq, B.
TuTh 9:30am-10:45am (MMH 1400)

FMST330 Family Theories and Patterns; (3) REG/AUD. *Junior standing. Formerly FMCD 330.*
0101 **(24268)** Randolph, S.
TuTh 12:30pm-1:45pm (MMH 0108)
0201 **(24269)** Zeiger, R.
TuTh 2:00pm-3:15pm (MMH 1304)

FMST332 Children in Families; (3) REG/P-F/AUD. *Prerequisite: FMST 105 or PSYC 100. Formerly FMCD 332.*
0101 **(24279)** Millstein, F.
TuTh 11:00am-12:15pm (MMH 0108)
0201 **(24280)** Roberts, D.
TuTh 9:30am-10:45am (HHP 1302)
0301 **(24281)** Dargan, V.
TuTh 3:30pm-4:45pm (MMH 1304)

FMST341 Personal and Family Finance; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: FMCD 441, FMST 341, FMCD 341 or CNEC 410. Formerly FMCD 341.*
0101 **(24291)** Mokhtari, M.
TuTh 6:30pm-7:45pm (MMH 1400)

FMST381 Poverty, Affluence, and Families; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: SOCY 100 or SOCY 105. Formerly FMCD 381.*
0101 **(24301)** Twombly, C.
MWF 9:00am-9:50am (MMH 1304)
0201 **(24302)** Twombly, C.
MWF 10:00am-10:50am (MMH 1304)

FMST383 Delivery of Human Services to Families; (3) REG/P-F/AUD. *Prerequisite: FMST 330. Formerly FMCD 383.*
0101 **(24312)** Wallen, J.
MWF 9:00am-9:50am (MMH 1400)
0201 **(24313)** Brewster, F.
TuTh 11:00am-12:15pm (HHP 1302)

FMST399 *(PermReq)* **Independent Study; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FMST431 Family Crises and Intervention; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.*
0101 **(24336)** Epstein, N.
TuTh 9:30am-10:45am (MMH 1304)

FMST432 Intergenerational Aspects of Family Living; (3) REG/P-F/AUD. *Prerequisites: PSYC 100; and SOCY 100 or SOCY 105; and FMST 332 [or other human development course].*
0101 **(24346)** Burdette, R.
TuTh 12:30pm-1:45pm (MMH 1304)
0201 **(24347)** Sims, B.
TuTh 6:30pm-7:45pm (ARM 0119)

FMST452 Family Policy Analysis; (3) REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(24348)** Anderson, E.
M 11:00am-1:45pm (ARM 0110)

FMST460 Violence in Families; (3) REG/P-F/AUD. *Prerequisite: PSYC 100 or SOCY 100 or SOCY 105.*
0101 **(24357)** Anderson, E.
W 11:00am-1:45pm (EDU 4233)

FMST477 *(PermReq)* **Internship and Analysis in Family Studies; (3)** REG/P-F/AUD. *Prerequisites: FMST 383, plus an additional six FMST credits and permission of department. For FMST majors only. Credit will be granted for only one of the following: FMST 477 or FMST 347.* Deadlines apply. See student guide, room 1216 Marie Mount Hall.
0101 **(24367)** Millstein, F.
W 3:00pm-4:30pm (WDS 1127)
0201 **(24368)** Millstein, F.
W 3:00pm-4:30pm (MMH 1108A)
0301 **(24369)** Millstein, F.
W 3:00pm-4:30pm (MMH 1402)
0401 **(24370)** Millstein, F.
W 3:00pm-4:30pm (MMH 1206)
0501 **(24371)** Millstein, F.
W 3:00pm-4:30pm (MMH 1312)

FMST487 Legal Aspects of Family Problems; (3) REG/P-F/AUD.
0101 **(24381)** Myricks, N.
TuTh 3:30pm-4:45pm (MMH 1400)
0201 **(24382)** Bozinko, S.
W 4:30pm-7:15pm (MMH 1400)

FMST497 The Child and the Law; (3) REG/P-F/AUD.
0101 **(24392)** Myricks, N.
M 4:00pm-6:45pm (MMH 1304)

FMST498 *(PermReq)* **Special Topics: Family Studies; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

FMST498F Special Topics: African American Families; (3) REG/P-F/AUD.
0101 **(24564)** Dargan, V.
TuTh 2:00pm-3:15pm (MMH 1402)

FMST498T *(PermReq)* **Special Topics: Mock Trial Preparation; (3)** REG/P-F/AUD.
0101 **(24416)** Myricks, N.
W 6:00pm-8:45pm (MMH 1402)

FMST600 Family Theories; (3) REG/AUD.
0101 **(24426)** Rubin, R.
Tu 4:00pm-6:45pm (MMH 1108A)

FMST640 Family Therapy: Theory and Techniques; (3) REG/AUD.
0101 **(24436)** Epstein, N.
M 12:00pm-2:45pm (MMH 1402)

FMST642 *(PermReq)* **Normal and Abnormal Processes in Intergenerational Marriage and Family Therapy; (3)** REG/AUD. *Prerequisite: FMST 640.*
0101 **(24446)** Gaylin, N.
Th 1:30pm-4:15pm (MMH 1108A)

FMST650 *(PermReq)* **Ethical, Legal, and Professional Principles in Marriage and Family Therapy; (3)** REG/AUD. *Prerequisite: permission of department. Limited to students admitted to the family therapy program.*
0101 **(24456)** Gaylin, N.
Tu 9:00am-11:45am (MMH 1108A)

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

FMST652 Intermediate Assessment, Diagnosis, and Treatment in Marriage and Family Therapy; (3) REG/AUD. *Prerequisite: FMST 651. Limited to students admitted to the family therapy program.*
0101 **(24466)** Leslie, L.
Tu 9:00am-11:45am (MMH 1402)

FMST658 *(PermReq)* **Supervised Clinical Practice of Marriage and Family Therapy; (1-2)** S-F. Prerequisite: FMST 650 and permission of instructor.
0201 **(24479)** Werlinich, C.
W 9:00am-12:00pm (MMH 2301)
0301 **(24476)** Leslie, L.
W 9:00am-12:00pm (MMH 2308)
0401 **(24477)** Epstein, N.
W 9:00am-12:00pm (MMH 2306)
0501 **(24480)** Gaylin, N.
W 9:00am-12:00pm (MMH 2304)
1801 **(24478)** Millstein, F.
W 9:00am-12:00pm (MMH 2302)

FMST660 Program Planning and Evaluation in Family Studies; (3) REG/AUD.
0101 **(24488)** Wallen, J.
M 3:00pm-5:45pm (MMH 1108A)

FMST698 *(PermReq)* **Advanced Topics in Family Studies; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson.

FMST698F Advanced Topics in Family Studies: African American Families; (3) REG/AUD.
0101 **(51673)** Dargan, V.
TuTh 2:00pm-3:15pm (MMH 1402)

FMST699 *(PermReq)* **Independent Study; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FMST745 Gender and Ethnicity in Family Therapy and Service Delivery; (3) REG/AUD.
0101 **(24526)** Leslie, L.
Th 9:30am-12:15pm (MMH 1402)

FMST789 *(PermReq)* **Non-Thesis Research; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FMST799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson.

FOLA Foreign Language (Arts and Humanities)

FOLA108G Elementary Foreign Languages I: Modern Greek; (3) REG/P-F/AUD. Introductory speaking, reading, and writing of Modern Greek for beginners. Not open for credit to native speakers. The follow-up elementary level course (FOLA 109G) will be offered in the spring semester.
0101 **(24613)** Pittas-Herschbach, M.
MWF 12:00pm-12:50pm (JMZ 2102)

FOLA118G Intermediate Foreign Languages I: Intermediate Modern Greek; (3) REG/P-F/AUD. Not open for credit to native speakers.
0101 **(24623)** Pittas-Herschbach, M.
MWF 2:00pm-2:50pm (JMZ 1211)

********SELF-INSTRUCTIONAL LANGUAGE PROGRAM********
The program is essentially self-instructional. The student supplies a blank tape and, in return, receives a recorded tape with the week's lesson. There is also a manual designed for self-instruction which the student is required to purchase. A native speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 1105. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside of JMZ 1105.

FOLA138A *(PermReq)* **Directed Study of a Foreign Language I: Hungarian I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24633)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138D *(PermReq)* **Directed Study of a Foreign Language I: Dutch I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24643)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138E *(PermReq)* **Directed Study of a Foreign Language I: Elementary Tagalog I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24653)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138F *(PermReq)* **Directed Study of a Foreign Language I: Polish I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24663)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138K *(PermReq)* **Directed Study of a Foreign Language I: Persian I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105) Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24673)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138P *(PermReq)* **Directed Study of a Foreign Language I: Hindi I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24683)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138R *(PermReq)* **Directed Study of a Foreign Language I: Turkish I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24693)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138S *(PermReq)* **Directed Study of a Foreign Language I: Egyptian Arabic I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24703)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138T *(PermReq)* **Directed Study of a Foreign Language I: Vietnamese; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24713)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138V *(PermReq)* **Directed Study of a Foreign Language I: Armenian I; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24723)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139A *(PermReq)* **Directed Study of a Foreign Language II: Elementary Hungarian II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24733)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139D *(PermReq)* **Directed Study of a Foreign Language II: Elementary Dutch II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24743)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139E *(PermReq)* **Directed Study of a Foreign Language II: Tagalog II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24753)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139F *(PermReq)* **Directed Study of a Foreign Language II: Polish II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24763)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139K *(PermReq)* **Directed Study of a Foreign Language II: Elementary Persian II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24773)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139P *(PermReq)* **Directed Study of a Foreign Language II: Hindi II; (3)** REG/P-F/AUD. Prerequisite: FOLA 138P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24783)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139R *(PermReq)* **Directed Study of a Foreign Language II: Elementary Turkish II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24793)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139S *(PermReq)* **Directed Study of a Foreign Language II: Egyptian Arabic II; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24803)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139T *(PermReq)* **Directed Study of a Foreign Language II: Vietnamese; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24813)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148A *(PermReq)* **Directed Study of a Foreign Language III: Hungarian III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139A or FOLA 158A or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24823)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148D *(PermReq)* **Directed Study of a Foreign Language III: Dutch III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139D or FOLA 158D or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24833)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148E *(PermReq)* **Directed Study of a Foreign Language III: Tagalog III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139E or FOLA 158E or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24843)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148F *(PermReq)* **Directed Study of a Foreign Language III: Polish III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139F or FOLA 158F or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24853)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148K *(PermReq)* **Directed Study of a Foreign Language III: Persian III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139K or FOLA 158K or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24863)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148P *(PermReq)* **Directed Study of a Foreign Language III: Hindi III; (3)** REG/P-F/AUD. Prerequisites: FOLA 139P or FOLA 158P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24873)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148R *(PermReq)* **Directed Study of a Foreign Language III: Turkish III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139R or FOLA 158R or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24883)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148S *(PermReq)* **Directed Study of a Foreign Language III: Egyptian Arabic III; (3)** REG/P-F/AUD. Prerequisite: FOLA 139S or FOLA 158S or consent of program director. All students planning to take this course must complete application form (avaible in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24893)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148T *(PermReq)* **Directed Study of a Foreign Language III: Vietnamese; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24903)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149D *(PermReq)* **Directed Study of a Foreign Language IV: Dutch IV; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24913)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149E *(PermReq)* **Directed Study of a Foreign Language IV: Tagalog; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24923)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149F *(PermReq)* **Directed Study of a Foreign Language IV: Polish IV-Intermediate; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24933)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149K *(PermReq)* **Directed Study of a Foreign Language IV: Intermediate Persian; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24943)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149P *(PermReq)* **Directed Study of a Foreign Language IV: Hindi IV; (3)** REG/P-F/AUD. Prerequisite: FOLA 148P or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self- Instructional Program.
0101 **(24953)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149R *(PermReq)* **Directed Study of a Foreign Language IV: Turkish; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24963)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149S *(PermReq)* **Directed Study of a Foreign Language IV: Egyptian Arabic; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24973)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149T *(PermReq)* **Directed Study of a Foreign Language IV: Vietnamese; (3)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24983)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158A *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Hungarian (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(24993)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158D *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Dutch (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25003)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158E *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Tagalog (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25013)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158F *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Polish (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25023)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158K *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Persian (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25033)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158P *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Hindi (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25043)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158R *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Turkish I (Intensive); (6)** REG/P-F/AUD. All students planning this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25053)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158S *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Egyptian Arabic (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25063)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158T *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Vietnamese (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25073)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158V *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Armenian (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25083)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158X *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Urdu (Intensive); (6)** REG/P-F/AUD. Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25093)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159D *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Dutch (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25103)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159E *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Tagalog; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25104)** Yaramanoglu, N.
Time and room to be arranged

FOLA159F *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Polish (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25113)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159K *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Persian (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25123)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159P *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Hindi (Intensive); (6)** REG/P-F/AUD. Prerequisite: FOLA 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25133)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159R *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Turkish; (6)** REG/P-F/AUD. Prerequisite: FOLA 158R or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25134)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159S *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Intensive Egyptian Arabic; (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25143)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159T *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Vietnamese (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25153)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159X *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu (Intensive); (6)** REG/P-F/AUD. Prerequisite: FOLA 158X or 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25163)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. *Prerequisite: permission of department. 56 semester hours.*
0101 **(25173)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA408G *(PermReq)* **Foreign Language I: Intensive Study of Modern Greek; (3)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(25174)** Pittas-Herschbach, M.
Time and room to be arranged

FREN French
(Arts and Humanities)

A booklet fully describing the courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez Hall.

FREN101 Elementary French; (4) REG/P-F/AUD. *Not open to students with 2 or more years of high-school level French.* Limited to students according to conditions described in the Foreign Language Placement section in this schedule.
0101 **(25223)** STAFF
Tu 10:00am-10:50am (JMZ 2117)
MWF 10:00am-10:50am (PLS 1111)
0201 **(25224)** STAFF
MWF 11:00am-11:50am (JMZ 2117)
Tu 11:00am-11:50am (JMZ 1120)
0301 **(25225)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 2117)
0401 **(25226)** STAFF
MW 12:00pm-1:50pm (JMZ 3120)

FREN102 Elementary French; (4) REG/P-F/AUD. *Prerequisite: FREN 101 at UMCP or permission of department.*
0101 **(25236)** STAFF
MWF 10:00am-10:50am (JMZ 0202)
Th 10:00am-10:50am (JMZ 2117)
0201 **(25237)** STAFF
MWF 1:00pm-1:50pm (JMZ 1104)
Th 1:00pm-1:50pm (JMZ 0118)

FREN103 Review of Elementary French; (4) REG/P-F/AUD. *Limited to students who have had at least two years of high-school French or equivalent or who do not qualify for FREN 203. Credit will be granted for only one of the following: FREN 101/ FREN 102 or FREN 103.* Limited to students according to conditions described in the Foreign Language Placement section in this schedule.
0101 **(25247)** Bondurant, D.
MTuWF 10:00am-10:50am (JMZ 0125)
0201 **(25248)** STAFF
MTuWF 11:00am-11:50am (PLS 1111)
0301 **(25249)** STAFF
MWF 1:00pm-1:50pm (JMZ 0125)
Tu 1:00pm-1:50pm (JMZ 1122)

FREN203 Intermediate French; (4) REG/P-F/AUD. CORE: HO Limited to students according to conditions described in the Foreign Language Placement section in this schedule.
0101 **(25259)** STAFF
TuTh 12:30pm-2:20pm (JMZ 2122)
0201 **(25260)** STAFF
MWF 11:00am-11:50am (PLS 1115)
Tu 11:00am-11:50am (JMZ 0122)
0301 **(25261)** STAFF
MWF 10:00am-10:50am (ZOP 1243)
Tu 10:00am-10:50am (JMZ 2125)
0401 **(25262)** STAFF
TuTh 2:30pm-4:20pm (JMZ 2125)
0501 **(25263)** STAFF
MWF 11:00am-11:50am (PLS 1119)
Tu 11:00am-11:50am (JMZ 0125)
0601 **(25264)** STAFF
MWF 1:00pm-1:50pm (JMZ 1117)
Tu 1:00pm-1:50pm (JMZ 0120)
0701 **(25265)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 2125)

FREN204 Review Grammar and Composition; (3) REG/P-F/AUD. CORE: HO *Prerequisite: FREN 203 or permission of department.*
0101 **(25275)** Bondurant, D.
MWF 11:00am-11:50am (JMZ 0125)
0201 **(25276)** Bondurant, D.
MWF 1:00pm-1:50pm (TYD 0117)
0301 **(25277)** STAFF
TuTh 12:30pm-1:45pm (JMZ 1226)

FREN250 Readings in French; (3) REG/P-F/AUD. CORE: HL *Prerequisite: FREN 203 or equivalent. Not open to native speakers.*
0101 **(25287)** MacBain, W.
TuTh 11:00am-12:15pm (JMZ 2122)
0201 **(25288)** STAFF
MWF 10:00am-10:50am (ZOP 1238)

FREN250H Readings in French; (3) REG/P-F/AUD. CORE: HL *Prerequisite: FREN 203 or equivalent. Not open to native speakers.* For general honors students only.
0101 **(25298)** MacBain, W.
TuTh 11:00am-12:15pm (JMZ 2122)
0201 **(25299)** STAFF
MWF 10:00am-10:50am (ZOP 1238)

FREN301 Composition and Style; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or permission of department.*
0101 **(25309)** STAFF
TuTh 9:30am-10:45am (JMZ 3120)
0201 **(25310)** STAFF
MWF 10:00am-10:50am (PLS 1172)

FREN302 Practicum in Translation I; (3) REG/P-F/AUD. *Prerequisite: FREN 301 or permission of department.*
0101 **(25320)** Campangne, H.
MWF 10:00am-10:50am (JMZ 2125)

FREN311 French Conversation; (3) REG/P-F/AUD. *Prerequisite: any 200-level course in French above FREN 203 or permission of department. Not open to native speakers.*
0101 **(25330)** STAFF
TuTh 2:00pm-3:15pm (JMZ 2123)
0201 **(25331)** STAFF
MWF 10:00am-10:50am (JMZ 2117)
0301 **(25332)** STAFF
MWF 11:00am-11:50am (PLS 1117)

FREN312 Introduction to French Culture: The French Press; (3) REG/P-F/AUD. *Prerequisite: any 200-level course in French above FREN 203 or permission of department. Not open to native speakers.*
0101 **(25343)** STAFF
TuTh 9:30am-10:45am (JMZ 3203)

FREN351 French Literature From the Revolution to the Present; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or FREN 250 or permission of department.*
0101 **(25353)** STAFF
MWF 11:00am-11:50am (JMZ 2125)

FREN351H French Literature From the Revolution to the Present; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or FREN 250 or permission of department.* For general honors students only.
0101 **(25363)** STAFF
MWF 11:00am-11:50am (JMZ 2125)

FREN386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

FREN398 *(PermReq)* **Practicum in Spoken French; (1)** S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chair.

FREN398B *(PermReq)* **Practicum in Spoken French: Business Emphasis; (1)** S-F.
0101 **(25425)** STAFF
Time and room to be arranged

FREN399 *(PermReq)* **Directed Study in French; (1-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with permission of instructor. Contact department for details.

FREN429 Studies in French Literature of the Renaissance: New Worlds, New Perspectives; (3) REG/P-F/AUD.
0101 **(25452)** Campangne, H.
MWF 11:00am-11:50am (JMZ 3120)

FREN473 Cross-Cultural Approaches to the Study of Contemporary French Society; (3) REG/P-F/AUD.
0101 **(25463)** STAFF
MWF 10:00am-10:50am (JMZ 3205)

FREN473H Cross-Cultural Approaches to the Study of Contemporary French Society; (3) REG/P-F/AUD. For general honors students only.
0101 **(25474)** STAFF
MWF 10:00am-10:50am (JMZ 3205)

FREN480 French Cinema: A Cultural Approach (in Translation): Afro-Caribbean Cinema; (3) REG/P-F/AUD. *Formerly FREN 475.*
0101 **(25494)** Frindethie, M.
MWF 2:00pm-2:50pm (JMZ 2123)

FREN489B Pro-Seminar in Themes or Movements of French Literature: Masterpieces of French Fiction; (3) REG/P-F/AUD.
0101 **(25504)** Brami, J.
TuTh 12:30pm-1:45pm (JMZ 3120)

FREN495H *(PermReq)* **Honors Thesis Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Open only to students admitted to the departmental honors program.*

FREN499 *(PermReq)* **Special Topics in French Studies; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN499M Special Topics in French Studies: Dimensions and Perspectives of Francophone African and Caribbean Cinema (in French); (3) REG/P-F/AUD.
0101 **(25546)** Frindethie, M.
MWF 2:00pm-2:50pm (JMZ 2123)

FREN669 Special Topics in Twentieth Century French Literature: 20th Century Francophone Thought; (3) REG/AUD.
0101 **(25556)** Frindethie, M.
W 4:00pm-6:30pm (JMZ 3120)

FREN679 The History of Ideas in France: Tragic Vision; (3) REG/AUD.
0101 **(25566)** MacBain, W.
Tu 2:00pm-4:30pm (JMZ 3120)

FREN689 Seminar in a Great Literary Figure: Proust; (3) REG/AUD.
0101 **(25576)** Brami, J.
Th 5:00pm-7:30pm (JMZ 3120)

FREN709 College Teaching of French; (1) S-F.
0101 **(25586)** STAFF
M 2:00pm-4:30pm (JMZ 3120)

FREN798 *(PermReq)* **Master's Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

FREN818 French Literary Criticism; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN898 *(PermReq)* **Doctoral Independent Study; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GEMS Gemstone
(Engineering)

GEMS201 Technological Innovation: A Sociological Perspective; (3) REG. *For Gemstone participants only. Recommended: GEMS 101.*
0101 **(25725)** Klein, K.
TuTh 10:00am-11:15am (JMZ 0105)
0201 **(25726)** STAFF
TuTh 4:30pm-5:45pm (ZOP 1243)

GEMS301 Entrepreneurship, Technology, and Innovation; (3) REG/P-F/AUD. *For Gemstone participants only.*
0101 **(25736)** Mierzwa, T.
M 4:00pm-6:40pm (TYD 1108)
0102 **(25737)** Lamone, R.
Tu 3:30pm-6:10pm (TYD 1132)

GEOG Geography
(Behavioral and Social Sciences)

GEOG100 Introduction to Geography; (3) REG/P-F/AUD. CORE: SB
0101 **(25787)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
Th 10:00am-10:50am (LEF 1222) Dis
0102 **(25788)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
Th 11:00am-11:50am (LEF 1222) Dis
0103 **(26279)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 9:00am-9:50am (TYD 1102) Dis
0104 **(25789)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
Th 9:00am-9:50am (LEF 1222) Dis
0105 **(25790)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 10:00am-10:50am (ZOP 1234) Dis
0106 **(25791)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 10:00am-10:50am (LEF 2208) Dis
0107 **(25792)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 12:00pm-12:50pm (LEF 1220) Dis
0108 **(26280)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
Th 10:00am-10:50am (MMH 0108) Dis
0109 **(25793)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 10:00am-10:50am (ARM 0117) Dis
0201 **(25794)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 10:00am-10:50am (ZOP 1238) Dis
0202 **(25795)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 11:00am-11:50am (CHM 0124) Dis
0203 **(25796)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 9:00am-9:50am (LEF 1222) Dis
0204 **(25797)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 11:00am-11:50am (LEF 1220) Dis
0205 **(25798)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 11:00am-11:50am (LEF 2208) Dis
0206 **(26281)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 12:00pm-12:50pm (WDS 1131) Dis
0207 **(26282)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 12:00pm-12:50pm (LEF 1201) Dis
0208 **(25799)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 11:00am-11:50am (TYD 2111) Dis
0209 **(25800)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 11:00am-11:50am (KEY 0124) Dis

GEOG150 World Cities; (3) REG/P-F/AUD.
0101 **(25801)** Zlatic, M.
TuTh 9:30am-10:45am (LEF 1220)

GEOG201 Geography of Environmental Systems; (3) REG/P-F/AUD. CORE Physical Science Lab (PL) Course only when taken concurrently with GEOG 211.
0101 **(25810)** Kearney, M.
TuTh 9:30am-10:45am (LEF 2205)

GEOG202 The World in Cultural Perspective; (3) REG/P-F/AUD. CORE: SB
0101 **(25811)** Ency, A.
MW 2:00pm-2:50pm (LEF 2205)
F 12:00pm-12:50pm (LEF 1221) Dis
0102 **(25812)** Ency, A.
MW 2:00pm-2:50pm (LEF 2205)
Th 2:00pm-2:50pm (WDS 1114) Dis
0103 **(25813)** Ency, A.
MW 2:00pm-2:50pm (LEF 2205)
Th 12:30pm-1:20pm (JMZ 2206) Dis
0104 **(25814)** Ency, A.
MW 2:00pm-2:50pm (LEF 2205)
F 2:00pm-2:50pm (LEF 1222) Dis

GEOG211 Geography of Environmental Systems Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: GEOG 201 or GEOL 120.* CORE Physical Science Lab (PL) Course only when taken concurrently with GEOG 201. This is a 2 hr, 1 credit lab which parallels GEOG 201; Required for GEOG majors; optional for non-majors.
0101 **(25820)** Kearney, M.
M 9:00am-11:00am (LEF 1138) Lab
0201 **(25821)** Kearney, M.
F 9:00am-11:00am (LEF 1138) Lab
0301 **(25822)** Kearney, M.
M 1:00pm-3:00pm (LEF 1138) Lab
0401 **(25824)** Kearney, M.
Th 11:00am-1:00pm (LEF 1138) Lab
0501 **(25823)** Kearney, M.
W 9:00am-11:00am (LEF 1138) Lab
0601 **(25825)** Kearney, M.
F 11:00am-1:00pm (LEF 1138) Lab

GEOG212 *(PermReq)* **The World in Cultural Perspective Laboratory; (1)** REG/P-F/AUD. *Pre- or corequisite: GEOG 202. For GEOG majors only.*
0101 **(25833)** Ency, A.
F 9:00am-11:00am (PLS 1113) Lab

GEOG321 Maryland and Adjacent Areas; (3) REG/P-F/AUD.
0101 **(25843)** Ency, A.
MWF 10:00am-10:50am (LEF 1221)

GEOG323 Latin America; (3) REG/P-F/AUD. DIVERSITY
0101 **(25853)** Geores, M.
MWF 11:00am-11:50am (LEF 1222)

GEOG340 Geomorphology; (3) REG/P-F/AUD.
0101 **(25863)** Kinerney, E.
TuTh 2:00pm-3:15pm (LEF 1221)

GEOG345 Climatology; (3) REG/P-F/AUD.
0101 **(25864)** Kinerney, E.
TuTh 9:30am-10:45am (LEF 1221)

GEOG347 Introduction to Biogeography; (3) REG/P-F/AUD. *Prerequisite: GEOG 201. Recommended: GEOG 211.*
0101 **(25873)** Prince, S.
TuTh 12:30pm-1:45pm (LEF 2166)

GEOG350 The American City: Past and Present; (3) REG/P-F/AUD.
0101 **(25883)** Thompson, D.
M 1:00pm-3:00pm (LEF 1222)
W 1:00pm-3:00pm (LEF 1136) Lab
0102 **(25884)** Thompson, D.
M 1:00pm-3:00pm (LEF 1222)
Tu 2:00pm-4:00pm (LEF 1136) Lab

GEOG370 Principles of Cartography; (3) REG/AUD.
0101 **(25904)** Liang, S.
Tu 4:00pm-6:00pm (LEF 2166)
M 5:00pm-7:00pm (LEF 1136) Lab
0102 **(25905)** Liang, S.
Tu 4:00pm-6:00pm (LEF 2166)
W 5:00pm-7:00pm (LEF 1136) Lab

GEOG372 Remote Sensing; (3) REG/P-F/AUD.
0101 **(25915)** Tucker, C.
M 3:00pm-5:00pm (LEF 2208)
Tu 4:00pm-6:00pm (LEF 2208) Lab
0102 **(25916)** Tucker, C.
M 3:00pm-5:00pm (LEF 2208)
W 3:00pm-5:00pm (LEF 2166) Lab

GEOG384 *(PermReq)* **Internship in Geography; (3)** S-F. *Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 385.*
0101 **(25926)** Cirrincione, J.
Time and room to be arranged

GEOG385 *(PermReq)* **Internship Research Paper; (3)** REG/P-F/AUD. *Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 384.*
0101 **(25936)** Cirrincione, J.
Time and room to be arranged

GEOG398 *(PermReq)* **Honors Research; (3)** REG/P-F/AUD.
0101 **(25946)** Goward, S.
Time and room to be arranged

GEOG399 *(PermReq)* **Honors Thesis; (3)** REG/P-F/AUD. Prerequisite: GEOG 398.
0101 **(25956)** Goward, S.
Time and room to be arranged

GEOG410 Colonial North America; (3) REG/P-F/AUD.
0101 **(25966)** Mitchell, R.
TuTh 2:00pm-3:15pm (LEF 1222)

GEOG421 Cultural Ecology; (3) REG/P-F/AUD.
0101 **(25976)** Geores, M.
MWF 9:00am-9:50am (LEF 1221)

GEOG422 Population Geography; (3) REG/P-F/AUD.
0101 **(25986)** Zlatic, M.
TuTh 11:00am-12:15pm (LEF 1220)

GEOG430 Location Theory and Spatial Analysis; (3) REG/P-F/AUD.
0101 **(25996)** Brodsky, H.
W 4:00pm-6:30pm (TYD 0102)

GEOG440 Process Geomorphology; (3) REG/P-F/AUD.
Prerequisite: GEOG 340 or GEOL 340 or permission of department.
0101 **(25997)** Kearney, M.
TuTh 2:00pm-3:15pm (ARC 1101)

GEOG454 Washington, D.C.: Past and Present; (3) REG/P-F/AUD.
0101 **(26006)** Kinerney, E.
MW 2:00pm-3:15pm (LEF 1221)

GEOG462 Water Resources Policy and Planning; (3) REG/P-F/AUD.
0101 **(26007)** Ency, A.
MWF 9:00am-9:50am (WDS 1114)

GEOG467 Energy Resources and the Environment; (3) REG/P-F/AUD.
0101 **(26016)** STAFF
Tu 4:30pm-7:30pm (KEY 0116)

GEOG480 Advanced Remote Sensing; (3) REG/P-F/AUD.
Prerequisite: GEOG 372 or introductory remote sensing course in another department.
0101 **(26026)** Goward, S.
M 4:00pm-6:00pm (LEF 2166)
Th 5:00pm-7:00pm (LEF 1220) Lab

GEOG498 *(PermReq)* **Topical Investigations: Selected Topics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Restricted to advanced undergraduate students with credit for at least 24 hours in geography and to graduate students. Any exceptions should have approval of department. Repeatable to 6 credits if content differs.

GEOG498A Topical Investigations: Regional Geography: Geography of the Bible; (3) REG/P-F/AUD. Also offered as JWST 419G.
0101 **(26055)** Brodsky, H.
MWF 9:00am-9:50am (LEF 2208)

GEOG498Q Topical Investigations: Introduction to Biogeography; (3) REG/P-F/AUD.
0101 **(51794)** Prince, S.
TuTh 12:30pm-1:45pm (LEF 2166)

GEOG600 *(PermReq)* **Introduction to Geography; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(26065)** Townshend, J.
F 2:30pm-5:00pm (LEF 1220)

GEOG610M Research Tutorial; (3) REG/AUD. *Prerequisite: GEOG 600; and permission of department.*
0101 **(26075)** Mitchell, R.
W 4:00pm-6:30pm (LEF 1221)

GEOG628 Seminar in Climatology: Water Resources and Hydrology; (3) REG/AUD.
0101 **(26076)** Lakshmi, V.
Th 12:30pm-3:30pm (LEF 1171)

GEOG679 Seminar in Urban Geography; (3) REG/AUD.
0101 **(26085)** Zlatic, M.
W 9:00am-12:00pm (ARM 0110)

GEOG695 Spatial Models; (3) REG/AUD. *Prerequisite: GEOG 483 or equivalent; and GEOG 605 or equivalent.*
0101 **(26105)** Thompson, D.
W 7:00pm-9:30pm (LEF 1221)

GEOG788 *(PermReq)* **Selected Topics in Geography; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs.

GEOG788A Selected Topics in Geography: Process Geomorphology; (3) REG/AUD.
0101 **(51791)** Kearney, M.
TuTh 2:00pm-3:15pm (ARC 1101)

GEOG788D *(PermReq)* **Selected Topics in Geography: Population Geography; (3)** REG/AUD.
0101 **(26134)** Zlatic, M.
TuTh 11:00am-12:15pm (LEF 1220)

GEOG788E Selected Topics in Geography: Cultural Ecology; (3) REG/AUD.
0101 **(51702)** Geores, M.
MWF 9:00am-9:50am (LEF 1221)

GEOG788G Selected Topics in Geography: Colonial North America; (3) REG/AUD.
0101 **(26154)** Mitchell, R.
TuTh 2:00pm-3:15pm (LEF 1222)

GEOG788Q Selected Topics in Geography: Biogeography; (3) REG/AUD.
0101 **(26164)** Prince, S.
Tu 4:00pm-6:30pm (LEF 1201)

GEOG788S *(PermReq)* **Selected Topics in Geography; (1)** REG/AUD.
0101 **(26184)** Kearney, M.
Th 3:30pm-5:00pm (LEF 2208)

GEOG788W Selected Topics in Geography: Washington, D.C.: Past and Present; (3) REG/AUD.
0101 **(26194)** Kinerney, E.
MW 2:00pm-3:15pm (LEF 1221)

GEOG789 *(PermReq)* **Independent Readings; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs.

GEOG790 *(PermReq)* **Internship in Geography; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GEOG799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

GEOG899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

GEOL Geology
(Computer, Mathematical and Physical Sciences)

GEOL100 Physical Geology; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: GEOL 100 or GEOL 103 or GEOL 105 or GEOL 107.* CORE Physical Science Lab (PL) Course only when taken concurrently with GEOL 110.
0101 **(26328)** Kaufman, A.
MWF 1:00pm-1:50pm (EGR 1202)
0201 **(26329)** Wylie, A.
TuTh 3:30pm-4:45pm (EGR 1202)

GEOL104 Dinosaurs: A Natural History; (3) REG/P-F/AUD. CORE: PS
0101 **(26339)** Holtz, T.
MWF 10:00am-10:50am (KEY 1117)

GEOL110 Physical Geology Laboratory; (1) REG/P-F. *Pre- or corequisite: GEOL 100 or GEOL 120.* CORE Physical Science Lab (PL) Course only when taken concurrently with GEOL 100.
0101 **(26349)** STAFF
Th 12:00pm-3:00pm (GEO 2106) Lab
0102 **(26350)** STAFF
M 12:00pm-3:00pm (GEO 2106) Lab
0103 **(26351)** STAFF
Tu 12:00pm-3:00pm (GEO 2106) Lab
0104 **(26352)** STAFF
Tu 3:00pm-6:00pm (GEO 2106) Lab
0105 **(26353)** STAFF
Th 3:00pm-6:00pm (GEO 2106) Lab
0106 **(26354)** STAFF
W 9:00am-12:00pm (GEO 2106) Lab
0107 **(26355)** STAFF
W 3:00pm-6:00pm (GEO 2106) Lab
0108 **(26356)** STAFF
M 3:00pm-6:00pm (GEO 2106) Lab
0109 **(26357)** STAFF
Tu 9:00am-12:00pm (GEO 2106) Lab
0110 **(26358)** STAFF
Th 9:00am-12:00pm (GEO 2106) Lab

GEOL120 Environmental Geology; (3) REG/P-F/AUD. CORE: PS
0101 **(26368)** Segovia, A.
TuTh 9:30am-10:45am (ASY 2309)
0102 **(26369)** Segovia, A.
TuTh 12:30pm-1:45pm (PLS 1140)
0103 **(26370)** Ridky, R.
TuTh 9:30am-10:45am (LEF 2166)
0104 **(26371)** Ridky, R.
TuTh 12:30pm-1:45pm (ZOP 1250)

GEOL120+ Environmental Geology; (3) REG/P-F/AUD. CORE: PS Restricted to students in a First Year Focus Cluster.
0103 **(26372)** Ridky, R.
TuTh 9:30am-10:45am (LEF 2166)

GEOL120H Environmental Geology; (3) REG/P-F/AUD. CORE: PS For general honors students only.
0101 **(26381)** Holtz, T.
TuTh 12:30pm-1:45pm (PLS 1119)

GEOL322 Mineralogy; (4) REG. *Prerequisites: GEOL 110 and CHEM 103.*
0101 **(26391)** Chang, L.
TuTh 8:00am-9:15am (PLS 1172)
Tu 11:00am-2:00pm (GEO 2107) Lab

GEOL341 Structural Geology; (4) REG. *Prerequisite: GEOL 102 or permission of department.*
0101 **(26401)** Solar, G.
TuTh 9:30am-10:45am (PLS 1113)
Th 11:00am-2:00pm (GEO 2107) Lab
0102 **(26402)** Solar, G.
TuTh 9:30am-10:45am (PLS 1113)
M 2:00pm-5:00pm (GEO 2107) Lab

GEOL386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

GEOL393 Technical Writing for Geoscientists; (3) REG/P-F/AUD. *Prerequisites: completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331, GEOL 322, and GEOL 451. For GEOL majors only.*
0101 **(26412)** Candela, P.
MW 5:00pm-6:00pm (GEO 2107)

GEOL393H Technical Writing for Geoscientists; (3) REG/P-F/AUD. *Prerequisites: completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331, GEOL 322, and GEOL 451. For GEOL majors only.* For honors students only.
0101 **(26422)** Candela, P.
MW 5:00pm-6:00pm (GEO 2107)

GEOL394 Research Problems in Geology; (3) REG/P-F/AUD. CORE: CS *Prerequisite: GEOL 393.*
0101 **(26432)** Candela, P.
MW 5:00pm-6:00pm (GEO 2107)

GEOL394H Research Problems in Geology; (3) REG/P-F/AUD. CORE: CS *Prerequisite: GEOL 393.* For general honors students only.
0101 **(26442)** Candela, P.
MW 5:00pm-6:00pm (GEO 2107)

GEOL423 Optical Mineralogy; (3) REG/P-F/AUD. *Prerequisite: GEOL 322.*
0101 **(26452)** Wylie, A.
F 9:30am-10:20am (PLS 1180)
W 9:30am-1:30pm (GEO 2117) Lab

GEOL445 Principles of Geochemistry; (3) REG/P-F/AUD. *Prerequisites: CHEM 103; and GEOL 322.*
0101 **(26462)** Gallup, C.
TuTh 2:00pm-3:15pm (GEO 2117)

GEOL452 Watershed and Wetland Hydrology; (3) REG/P-F/AUD. *Prerequisites: CHEM 103 and (GEOL 110 or GEOL 103 or GEOL 105 or GEOL 107) and (GEOL 322 or GEOL 340 or GEOL 341 or GEOL 342). 56 semester hours. Junior standing.*
0101 **(26472)** Prestegaard, K.
TuTh 3:30pm-4:45pm (PLS 1119)

GEOL456 Engineering Geology; (3) REG/P-F/AUD. *Prerequisite: GEOL 341.*
0101 **(26482)** Segovia, A.
MW 9:30am-10:20am (PLS 1180)
M 10:30am-1:30pm (GEO 2117) Lab

GEOL499 *(PermReq)* **Special Problems in Geology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GEOL614 Thermodynamics of Geological Processes; (3) REG/AUD. *Prerequisites: MATH 141; and CHEM 113; and GEOL 322; and PHYS 142.*
0101 **(26503)** Candela, P.
MW 10:15am-11:30am (GEO 2107)

GEOL622 Minerology of the Rock-Forming Silicates; (3) REG/AUD. *Prerequisite: GEOL 422 and CHEM 481 or equivalent.*
0101 **(26513)** Chang, L.
TuTh 12:30pm-1:45pm (PLS 1184)

GEOL650 Isotope and Trace Element Geochemistry; (3) REG/AUD. *Prerequisite: GEOL 443 or permission of department.*
0101 **(26523)** Walker, R.
WF 8:30am-9:45am (PLS 1184)

GEOL652 Advanced Watershed and Wetland Hydrology; (3) REG/AUD. *Prerequisite: GEOL 452 or permission of department.*
0101 **(26533)** Prestegaard, K.
TuTh 3:30pm-4:45pm (PLS 1119)

GEOL798 *(PermReq)* **Seminar in Geology; (1)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GEOL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GEOL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GERM Germanic Studies
(Arts and Humanities)

GERM101 Elementary German I; (4) REG/P-F/AUD. *Formerly GERM 111.*
0201 **(26637)** STAFF
MTuWF 9:00am-9:50am (JMZ 1122)
0301 **(26638)** STAFF
MTuWF 10:00am-10:50am (JMZ 1122)
0401 **(26639)** STAFF
MTuWF 11:00am-11:50am (JMZ 1122)
0501 **(26640)** STAFF
MTuWF 12:00pm-12:50pm (JMZ 1122)

GERM102 Elementary German II; (4) REG/P-F/AUD. *Prerequisite: GERM 101 or equivalent. Formerly GERM 112.*
0201 **(26650)** STAFF
MWF 9:00am-9:50am (JMZ 1211)
Th 9:00am-9:50am (JMZ 2125)
0301 **(26651)** STAFF
MWF 10:00am-10:50am (JMZ 1211)
Th 10:00am-10:50am (JMZ 2125)
0401 **(26652)** STAFF
MWF 11:00am-11:50am (JMZ 1211)
Th 11:00am-11:50am (JMZ 2125)

GERM103 Review of Elementary German; (4) REG/P-F/AUD. *Prerequisite: assignment either by placement examination or by the undergraduate director (Germanic Section).*
0101 **(26662)** STAFF
MTuWF 11:00am-11:50am (JMZ 3205)

GERM148S Germanic Languages - Elementary I: Elementary Swedish; (3) REG/P-F/AUD.
0101 **(26682)** Oster, R.
TuTh 11:00am-12:15pm (JMZ 1124)

GERM148Y Germanic Languages - Elementary I: Yiddish I; (3) REG/P-F/AUD.
0101 **(26692)** Isaacs, M.
TuTh 9:30am-10:45am (JMZ 1224)

GERM201 Intermediate German I; (4) REG/P-F/AUD. CORE: HO *Prerequisite: GERM 102.*
0201 **(26702)** STAFF
MWF 9:00am-9:50am (JMZ 1104)
Th 9:00am-9:50am (JMZ 1122)
0301 **(26703)** STAFF
MWF 10:00am-10:50am (JMZ 1104)
Th 10:00am-10:50am (JMZ 1122)
0401 **(26704)** STAFF
MWF 11:00am-11:50am (JMZ 1104)
Th 11:00am-11:50am (JMZ 1122)

GERM202 Intermediate German II; (4) REG/P-F/AUD. CORE: HO *Prerequisite: GERM 201. Not open to students who have completed GERM 211. Credit will be granted for only one of the following: GERM 202 or GERM 211 or GERM 104. Formerly GERM 211.*
0101 **(26714)** STAFF
MWThF 9:00am-9:50am (JMZ 0120)
0201 **(26715)** STAFF
MWF 12:00pm-12:50pm (JMZ 3205)
Th 12:00pm-12:50pm (JMZ 1122)

GERM203 Intensive Review of Intermediate German; (4) REG. *Prerequisite: completion of GERM 102 or GERM 103 or placement examination administered by Undergraduate Coordinator. Not open to students who have completed GERM 202.*
0101 **(26725)** STAFF
MTuWF 12:00pm-12:50pm (JMZ 2125)

GERM220 Introduction to German Literature; (3) REG/P-F/AUD. *Prerequisite: GERM 202.*
0101 **(26735)** STAFF
TuTh 2:00pm-3:15pm (JMZ 3203)

GERM220H Introduction to German Literature; (3) REG/P-F/AUD. *Prerequisite: GERM 202.* For general honors students only.
0101 **(26745)** STAFF
TuTh 2:00pm-3:15pm (JMZ 3203)

GERM280 German-American Cultural Contrast; (3) REG/P-F/AUD. CORE: HO
0101 **(26755)** Pfister, G.
MWF 11:00am-11:50am (JMZ 3203)

GERM282 Germanic Mythology; (3) REG/P-F/AUD. CORE: HL
0101 **(26765)** Fleck, J.
TuTh 12:30pm-1:45pm (JMZ 3205)

GERM284 German Chivalric Culture; (3) REG/P-F/AUD. CORE: HL *Formerly GERM 384.*
0101 **(26775)** Fleck, J.
TuTh 2:00pm-3:15pm (JMZ 3205)

GERM298H Special Problems: Gender and Space in Film: A Comparative View; (3) REG. CORE: HA DIVERSITY For general honors students only.
0101 **(51675)** Beicken, P.
Tu 5:00pm-7:00pm (HBK 4210T)
Th 5:00pm-6:30pm (HBK 4210T)

GERM301 Conversation and Composition I; (3) REG/P-F/AUD. *Prerequisite: GERM 202 or equivalent.* Newly organized course.
0101 **(26785)** STAFF
MWF 12:00pm-12:50pm (JMZ 3203)

GERM302 Conversation and Composition II; (3) REG/P-F/AUD. *Prerequisite: GERM 301 or equivalent.*
0101 **(26795)** STAFF
MWF 11:00am-11:50am (ARM 0118)

GERM321 Highlights of German Literature I; (3) REG/P-F/AUD. *Prerequisite: GERM 220 or equivalent.*
0101 **(26805)** Walker, R.
MWF 12:00pm-12:50pm (JMZ 0125)

GERM330 Business German Conversation; (1) S-F. *Prerequisite: a good working knowledge of German or permission of instructor.*
0101 **(26815)** STAFF
Time and room to be arranged

GERM339 German Literature In Translation: Kafka and Film; (3) REG/P-F/AUD.
0101 **(26825)** Beicken, P.
TuTh 2:00pm-3:15pm (JMZ 0202)

GERM339H German Literature In Translation: Kafka and Film; (3) REG. For general honors students only.
0101 **(26835)** Beicken, P.
TuTh 2:00pm-3:15pm (JMZ 0202)

GERM386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

GERM389W Topics in Germanic Culture: The Tristan Legend; (3) REG/P-F/AUD.
0101 **(26855)** Walker, R.
MWF 10:00am-10:50am (JMZ 3120)

GERM397H *(PermReq)* **Honors Reading (Independent Study); (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Students must have department's permission before registering.

GERM398H Honors Research; (3) REG/P-F/AUD.
0101 **(26875)** STAFF
Time and room to be arranged

GERM403 Advanced Composition; (3) REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.*
0101 **(26885)** STAFF
TuTh 9:30am-10:45am (JMZ 0118)

GERM403H Advanced Composition; (3) REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.* For general honors students only.
0101 **(26895)** STAFF
TuTh 9:30am-10:45am (JMZ 0118)

GERM439 Selected Topics in German Literature: Literatur nach Auschwitz; (3) REG/P-F/AUD.
0101 **(26905)** Muller-Michaels, H.
TuTh 2:00pm-3:15pm (JMZ 3118)

GERM439H Selected Topics in German Literature: Literatur nach Auschwitz; (3) REG/P-F/AUD. For general honors students only.
0101 **(26915)** Muller-Michaels, H.
TuTh 2:00pm-3:15pm (JMZ 3118)

GERM476 Sanskrit I; (3) REG/AUD.
0101 **(26925)** Fleck, J.
TuTh 3:30pm-4:45pm (JMZ 3205)

GERM489O Selected Topics in Area Studies: History of German Language; (3) REG/P-F/AUD.
0101 **(26935)** Oster, R.
M 4:00pm-6:30pm (JMZ 3205)

GERM498H Honors Thesis Writing; (3) REG/P-F/AUD. For general honors students only.
0101 **(26945)** STAFF
Time and room to be arranged
1001 **(26946)** STAFF
Time and room to be arranged

GERM499 *(PermReq)* **Directed Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CORE Codes ... CS - Capstone **HL** - Humanities and the Arts, Literature **HA** - Humanities and the Arts, History or Theory of the Arts
HO - Humanities and the Arts, Humanities **PS** - Mathematics and the Sciences, Physical Sciences (Non-Lab)
PL - Mathematics and the Sciences, Physical Sciences (Lab)

GERM689F Special Topics - M.A. Level: Romane Nach Der Deutschen Vereinigung; (3) REG/AUD.
0101 **(26977)** Muller-Michaels, H.
Th 5:30pm-8:00pm (JMZ 3205)

GERM689M Special Topics - M.A. Level: Literatur nach Auschwitz; (3) REG/AUD.
0101 **(26987)** Muller-Michaels, H.
TuTh 2:00pm-3:15pm (JMZ 3118)

GERM689O Special Topics - M.A. Level: History of German Language; (3) REG/AUD.
0101 **(26997)** Oster, R.
M 4:00pm-6:30pm (JMZ 3205)

GERM798 *(PermReq)* **Master's Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
0101: Beicken, Peter, 0501: Fleck, Jere 0601: Frederiksen, Elke 0701: Greene-Gantzberg, Vivian 0801: Oster, Rose-Marie 0901: Pfister, Guenter 1001: Richter, Simon 1101: Strauch, Gabriele: 1201 Walker, Richard.

GERM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GERM889F Seminar in Germanic Area Studies: Romane Nach Der Deutschen Vereinigung; (3) REG/AUD.
0101 **(27026)** Muller-Michaels, H.
Th 5:30pm-8:00pm (JMZ 3205)

GERM898 *(PermReq)* **Doctoral Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GERM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GREK Greek (Arts and Humanities)

GREK101 Elementary Ancient Greek I; (4) REG/P-F/AUD. *A student who has had two units of Greek in high school may register for GREK 101 for purposes of review but not for credit.* Classical and New Testament Greek. For Modern Greek, see FOLA 108G - a regular instruction course meeting 3 times a week.
0101 **(27152)** Doherty, L.
MWF 2:00pm-2:50pm (ARM 0121)
F 1:00pm-1:50pm (MMH 0108)

GREK201 Intermediate Ancient Greek; (4) REG/P-F/AUD. *Prerequisite: GREK 102 or equivalent.*
0101 **(27162)** Stehle, E.
MWF 2:00pm-2:50pm (ARM 0103)
F 1:00pm-1:50pm (ARM 0103)

GREK488 Greek Readings: Herodotus; (3) REG/P-F/AUD.
0101 **(27172)** Lee, H.
M 5:00pm-7:40pm (MMH 3418)

GREK499 *(PermReq)* **Independent Study in Greek Language and Literature; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GREK606 Greek Historians; (3) REG/AUD.
0101 **(27187)** Lee, H.
M 5:00pm-7:40pm (MMH 3418)

GREK699 *(PermReq)* **Independent Study in Greek Literature; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GVPT Government and Politics (Behavioral and Social Sciences)

GVPT100 Principles of Government and Politics; (3) REG/P-F/AUD. CORE: SB
0101 **(27250)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
Th 1:00pm-1:50pm (HJP 1229) Dis
0102 **(27251)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
Th 2:00pm-2:50pm (MMH 3418) Dis
0103 **(27252)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
Th 3:00pm-3:50pm (JMZ 2122) Dis
0104 **(27253)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
Th 4:00pm-4:50pm (JMZ 0208) Dis
0105 **(27254)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 9:00am-9:50am (HBK 1112) Dis
0106 **(27255)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 10:00am-10:50am (COL 3110) Dis
0107 **(27256)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 11:00am-11:50am (WDS 0104) Dis
0108 **(27257)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 1:00pm-1:50pm (ASY 3211) Dis
0109 **(27258)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 2:00pm-2:50pm (TLF 1103) Dis
0110 **(27259)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 3:00pm-3:50pm (TYD 1128) Dis
0111 **(27260)** Grant-Wisdom, D.
TuTh 11:00am-12:15pm (ARC 0204)
F 4:00pm-4:50pm (TYD 1128) Dis

GVPT100+ Principles of Government and Politics; (3) REG/P-F/AUD. CORE: SB Restricted to students in a College Park Scholars program.
0201 **(27265)** Morris, I.
MW 10:00am-11:15am (SYM 0200)
W 1:00pm-1:50pm (KEY 0124) Dis
Restricted to College Park Scholars - Public Leadership.
0202 **(27266)** Morris, I.
MW 10:00am-11:15am (SYM 0200)
W 2:00pm-2:50pm (TYD 1114) Dis
Restricted to College Park Scholars - Public Leadership.
0203 **(27267)** Morris, I.
MW 10:00am-11:15am (SYM 0200)
W 3:00pm-3:50pm (TYD 1128) Dis
Restricted to College Park Scholars - Public Leadership.
0204 **(27268)** Morris, I.
MW 10:00am-11:15am (SYM 0200)
W 4:00pm-4:50pm (TYD 1128) Dis
Restricted to College Park Scholars - International Studies and College Park Scholars - Advocates for Children.

GVPT100H Principles of Government and Politics; (3) REG/P-F/AUD. CORE: SB For general honors students only.
0101 **(27274)** Elkin, S.
Tu 12:30pm-3:15pm (TYD 1111)
0201 **(27275)** Elkin, S.
Th 12:30pm-3:15pm (TYD 1111)
0301 **(27276)** Squier, J.
Tu 9:30am-12:15pm (TYD 1136)

GVPT170 American Government; (3) REG/P-F/AUD. CORE: SB
0101 **(27285)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
Th 1:00pm-1:50pm (JMZ 2120) Dis
0102 **(27286)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
Th 2:00pm-2:50pm (TLF 1103) Dis
0103 **(27287)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
Th 3:00pm-3:50pm (JMZ 2120) Dis
0104 **(27288)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
Th 4:00pm-4:50pm (TYD 1114) Dis
0105 **(27289)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
F 10:00am-10:50am (TLF 1101) Dis
0106 **(27290)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
F 11:00am-11:50am (TYD 1101) Dis
0107 **(27291)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
F 1:00pm-1:50pm (JMZ 3120) Dis
0108 **(27292)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
F 2:00pm-2:50pm (TYD 2111) Dis
0109 **(27293)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
F 4:00pm-4:50pm (TYD 0101) Dis
0110 **(27294)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
F 12:00pm-12:50pm (TLF 1101) Dis
0111 **(27295)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
F 3:00pm-3:50pm (TYD 0101) Dis
0112 **(27296)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
Th 3:00pm-3:50pm (LEF 1201) Dis
0201 **(27297)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 3:00pm-3:50pm (JMZ 1117) Dis
0202 **(27298)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 4:00pm-4:50pm (TYD 0111) Dis
0203 **(27299)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 11:00am-11:50am (JMZ 1117) Dis
0204 **(27300)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 10:00am-10:50am (JMZ 1117) Dis
0205 **(27301)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
F 11:00am-11:50am (TYD 1128) Dis
0206 **(27302)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
F 1:00pm-1:50pm (LEF 1222) Dis
0207 **(27303)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
F 10:00am-10:50am (TYD 1101) Dis
0208 **(27304)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 9:00am-9:50am (JMZ 1117) Dis
0209 **(27305)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 2:00pm-2:50pm (JMZ 0103) Dis
0210 **(27306)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 3:00pm-3:50pm (JMZ 1122) Dis

GVPT170+ American Government; (3) REG/P-F/AUD. CORE: SB Restricted to students in a First Year Focus Cluster.
0106 **(27308)** Davidson, R.
TuTh 11:00am-11:50am (SKN 0200)
F 11:00am-11:50am (TYD 1101) Dis
0205 **(27307)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
F 11:00am-11:50am (TYD 1128) Dis
0207 **(27309)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
F 10:00am-10:50am (TYD 1101) Dis

GVPT200 *(PermReq)* **International Political Relations; (3)** REG/P-F/AUD. CORE: SB *Prerequisite: GVPT 100. Formerly GVPT 300.*
0101 **(27316)** Conca, K.
MW 10:00am-10:50am (TWS 2154)
Th 2:00pm-2:50pm (JMZ 1122) Dis
0102 **(27317)** Conca, K.
MW 10:00am-10:50am (TWS 2154)
Th 3:00pm-3:50pm (JMZ 0103) Dis
0103 **(27318)** Conca, K.
MW 10:00am-10:50am (TWS 2154)
Th 4:00pm-4:50pm (TYD 1128) Dis
0104 **(27319)** Conca, K.
MW 10:00am-10:50am (TWS 2154)
F 10:00am-10:50am (SKN 1112) Dis
0105 **(27320)** Conca, K.
MW 10:00am-10:50am (TWS 2154)
F 11:00am-11:50am (TYD 1114) Dis
0106 **(27321)** Conca, K.
MW 10:00am-10:50am (TWS 2154)
F 9:00am-9:50am (TLF 1101) Dis

GVPT221 Introduction to Formal Theories of Political Behavior and Politics; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27331)** Lalman, D.
TuTh 11:00am-12:15pm (SKN 0104)

GVPT231 Law and Society; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27341)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
Th 2:00pm-2:50pm (ARM 0119) Dis
0102 **(27342)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
Th 3:00pm-3:50pm (ARM 0119) Dis
0103 **(27343)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
F 9:00am-9:50am (TYD 0111) Dis
0104 **(27344)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
F 10:00am-10:50am (TYD 0102) Dis
0105 **(27345)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
F 11:00am-11:50am (JRN 1105) Dis
0106 **(27346)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
F 1:00pm-1:50pm (TYD 1132) Dis

GVPT241 The Study of Political Philosophy: Ancient and Modern; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(27356)** Matthes, M.
TuTh 11:00am-12:15pm (SHM 2102)
Th 1:00pm-1:50pm (JMZ 1117) Dis
0102 **(27357)** Matthes, M.
TuTh 11:00am-12:15pm (SHM 2102)
F 1:00pm-1:50pm (TYD 0111) Dis
0103 **(27358)** Matthes, M.
TuTh 11:00am-12:15pm (SHM 2102)
F 2:00pm-2:50pm (TYD 0111) Dis
0104 **(27359)** Matthes, M.
TuTh 11:00am-12:15pm (SHM 2102)
Th 4:00pm-4:50pm (JMZ 2123) Dis
0105 **(27360)** Matthes, M.
TuTh 11:00am-12:15pm (SHM 2102)
Th 3:00pm-3:50pm (JMZ 3120) Dis
0106 **(27361)** Matthes, M.
TuTh 11:00am-12:15pm (SHM 2102)
Th 2:00pm-2:50pm (WDS 1127) Dis

GVPT241H The Study of Political Philosophy: Ancient and Modern; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.* For general honors students only.
0101 **(27371)** Terchek, R.
MW 1:00pm-2:15pm (TYD 1128)

GVPT260 State and Local Government; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27381)** Meinke, T.
TuTh 8:00am-9:15am (TYD 0117)

GVPT270 Introduction to Public Policy; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27382)** Morris, I.
MW 1:00pm-2:15pm (HJP 2242)

GVPT273 Introduction to Environmental Politics; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27391)** Pirages, D.
TuTh 9:30am-10:30am (JMZ 0220)
Th 11:00am-11:50am (JMZ 0125) Dis
0102 **(27392)** Pirages, D.
TuTh 9:30am-10:30am (JMZ 0220)
Th 1:00pm-1:50pm (JMZ 3203) Dis
0103 **(27393)** Pirages, D.
TuTh 9:30am-10:30am (JMZ 0220)
Th 2:00pm-2:50pm (JMZ 1117) Dis
0104 **(27394)** Pirages, D.
TuTh 9:30am-10:30am (JMZ 0220)
Th 11:00am-11:50am (JMZ 3203) Dis
0105 **(27395)** Pirages, D.
TuTh 9:30am-10:30am (JMZ 0220)
Th 1:00pm-1:50pm (JMZ 0125) Dis
0106 **(27396)** Pirages, D.
TuTh 9:30am-10:30am (JMZ 0220)
Th 2:00pm-2:50pm (JMZ 0125) Dis

GVPT280 Comparative Politics and Governments; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(27406)** Dawisha, K.
TuTh 9:30am-10:45am (CSS 2324)
Tu 11:00am-11:50am (CSS 2324) Dis
0102 **(27407)** Dawisha, K.
TuTh 9:30am-10:45am (CSS 2324)
Th 11:00am-11:50am (CSS 2324) Dis

GVPT280H *(PermReq)* **Comparative Politics and Governments; (3)** REG/P-F/AUD. *Prerequisite: GVPT 100.* For general honors students only.
0101 **(27408)** Dawisha, K.
TuTh 9:30am-10:45am (CSS 2324)
Th 11:00am-12:15pm (CSS 2428) Dis

GVPT282 The Government and Politics of the Third World; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(27416)** Phillips, W.
MW 2:00pm-3:15pm (MMH 1304)

GVPT309A Topics in International Relations: Theories of International Relations (Advanced); (3) REG/P-F/AUD.
0101 **(27426)** Phillips, W.
W 10:00am-1:00pm (LEF 2166)

GVPT309B Topics in International Relations: Comparative Environmental Politics; (3) REG/P-F/AUD.
0101 **(27436)** Schreurs, M.
TuTh 11:00am-12:15pm (LEF 1201)

GVPT339A Topics in Public Law: First Amendment Law and Politics; (3) REG/P-F/AUD.
0101 **(27446)** McIntosh, W.
TuTh 9:30am-10:45am (TYD 0101)

GVPT341 Political Morality and Political Action; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(27456)** Glass, J.
MW 2:00pm-3:15pm (TYD 0102)
Th 10:00am-10:50am (JMZ 1120) Dis
0102 **(27457)** Glass, J.
MW 2:00pm-3:15pm (TYD 0102)
Th 11:00am-11:50am (JMZ 1120) Dis
0103 **(27458)** Glass, J.
MW 2:00pm-3:15pm (TYD 0102)
Th 1:00pm-1:50pm (LEF 1221) Dis

GVPT359A Topics in Comparative Politics: China's Domestic Politics; (3) REG/P-F/AUD.
0101 **(27478)** Pearson, M.
TuTh 11:00am-12:15pm (TYD 1101)

GVPT359F Topics in Comparative Politics: Eastern European Politics and Societies; (3) REG/P-F/AUD.
0101 **(27480)** Tismaneanu, V.
TuTh 11:00am-12:15pm (MCB 1207)

GVPT376A *(PermReq)* **Applied Field Research in Government and Politics; (3-6)** S-F. *Prerequisite: GVPT 170. Corequisite: GVPT 377.*
0101 **(27488)** Herrnson, P.
Time and room to be arranged Lab

GVPT376C *(PermReq)* **Applied Field Research in Government and Politics; (3-6)** S-F. *Prerequisite: GVPT 170. Corequisite: GVPT 377.*
0101 **(27498)** Vietri, L.
Time and room to be arranged Lab

GVPT377A *(PermReq)* **Seminar For Academic Interns; (3)** REG/P-F/AUD. *Prerequisite: GVPT 170. Corequisite: GVPT 376.* Limited to Capitol Hill interns.
0101 **(27508)** Herrnson, P.
M 3:30pm-6:45pm (TYD 1136)

GVPT377C *(PermReq)* **Seminar For Academic Interns; (3)** REG/P-F/AUD. *Prerequisite: GVPT 170. Corequisite: GVPT 376.*
0101 **(27518)** Vietri, L.
M 6:30pm-9:15pm (TYD 1111)

GVPT379A Topics in American Politics: Immigrants and Immigration Policy in the U.S.; (3) REG/P-F/AUD.
0101 **(27528)** Gimpel, J.
MW 1:00pm-2:15pm (TYD 2111)

GVPT379H Topics in American Politics: Political Leadership; (3) REG/P-F/AUD. For general honors students only.
0101 **(27529)** Stone, C.
MW 4:00pm-5:15pm (TYD 1111)

GVPT386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

GVPT388 *(PermReq)* **Topical Investigations; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies required.

GVPT396 *(PermReq)* **Introduction to Honors Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to and permission of GVPT Honors Program.*

GVPT397 *(PermReq)* **Honors Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: GVPT 396 and admission to GVPT honors program.*

GVPT402 International Law; (3) REG/P-F/AUD. *Prerequisite: GVPT 200.*
0101 **(27761)** Piper, D.
MWF 11:00am-11:50am (TYD 0101)

GVPT409A Seminar in International Relations and World Politics: Workshop on Conflict and Peace Analysis; (3) REG/P-F/AUD.
0101 **(27771)** Davies, J.
M 2:00pm-4:00pm (TYD 1101)
Time and room to be arranged Lab

GVPT409B Seminar in International Relations and World Politics: Developments in Post-Communist World; (3) REG/P-F/AUD.
0101 **(27781)** Kaminski, B.
TuTh 2:00pm-3:15pm (TYD 1128)

GVPT409C Seminar in International Relations and World Politics: The Next International System: World Politics in the 21st Century; (3) REG/P-F/AUD.
0101 **(27791)** Heisler, M.
MW 11:00am-12:15pm (TYD 1101)

GVPT409D Seminar in International Relations and World Politics: Human Rights in World Politics; (3) REG/P-F/AUD.
0101 **(27792)** Sklar, M.
Th 12:30pm-3:15pm (HBK 0109)

GVPT427 *(PermReq)* **Political Sociology; (3)** REG/P-F/AUD. *Prerequisite: GVPT 220.*
0101 **(27801)** Heisler, M.
M 3:30pm-6:15pm (TYD 1128)

GVPT429A Problems in Political Behavior: Democratic Theory and Practice; (3) REG/P-F/AUD.
0101 **(27802)** Stone, C.
MW 12:00pm-1:15pm (KEY 0116)

GVPT431 Introduction to Constitutional Law; (3) REG/P-F/AUD. *Prerequisite: GVPT 231.*
0101 **(27803)** Danelski, D.
TuTh 2:00pm-3:15pm (SQH 1120)

GVPT436 The Legal Status of Women; (3) REG/P-F/AUD. *Prerequisite: GVPT 231. Also offered as WMST 436. Credit will be granted for only one of the following: GVPT 436 or WMST 436.*
0101 **(27821)** Feinstein, H.
M 2:00pm-4:45pm (TYD 1114)

GVPT442 History of Political Theory—Medieval to Recent; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(27822)** Butterworth, C.
TuTh 2:00pm-3:15pm (TYD 1136)

GVPT449A Seminar in Political Philosophy: Storytelling, Polities, and Genre; (3) REG/P-F/AUD.
0101 **(27831)** Matthes, M.
Th 2:00pm-4:30pm (ARC 1105)

GVPT457 American Foreign Relations; (3) REG/P-F/AUD. *Prerequisite: GVPT 200.*
0101 **(27841)** Quester, G.
TuTh 9:30am-10:45am (TYD 2111)

GVPT473 Legislatures and Legislation; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27851)** Uslaner, E.
TuTh 12:30pm-1:20pm (TYD 1102)
Th 2:00pm-2:50pm (JMZ 1124) Dis
0102 **(27852)** Uslaner, E.
TuTh 12:30pm-1:20pm (TYD 1102)
Th 3:00pm-3:50pm (JMZ 1124) Dis
0103 **(27853)** Uslaner, E.
TuTh 12:30pm-1:20pm (TYD 1102)
Th 4:00pm-4:50pm (JMZ 1124) Dis

GVPT475 The Presidency and the Executive Branch; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(27863)** Davidson, R.
TuTh 1:00pm-2:15pm (JMZ 0105)

GVPT479A Problems of American Public Policy: The Politics of the Vietnam War; (3) REG/P-F/AUD.
0101 **(27873)** Vietri, L.
W 2:00pm-5:00pm (Arranged)

GVPT479B Seminar in American Politics: Race Politics; (3) REG/P-F/AUD.
0101 **(27874)** Williams, L.
TuTh 10:00am-11:15am (ARM 0110)

GVPT479C Seminar in American Politics: Campaigning for Congress; (3) REG/P-F/AUD. Open to general and departmental honors students only.
0101 **(27883)** Herrnson, P.
W 3:30pm-6:15pm (TYD 1136)

GVPT484 Government and Politics of Africa; (3) REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.*
0101 **(27913)** Wilson, E.
TuTh 2:00pm-3:15pm (TYD 0102)

GVPT492 The Comparative Politics of Race Relations; (3) REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.*
0101 **(27923)** Johnson, O.
TuTh 2:00pm-3:15pm (HJP 2242)

GVPT622 Quantitative Methods For Political Science; (3) REG/AUD.
0101 **(27933)** Squier, J.
M 12:30pm-3:15pm (LEF 2166)

GVPT700 Scope and Method of Political Science; (3) REG/AUD.
0101 **(28248)** Soltan, K.
M 6:30pm-9:15pm (TYD 0102)

GVPT708 Seminar in International Relations Theory; (3) REG/AUD.
0101 **(27934)** Phillips, W.
W 3:30pm-6:15pm (KEY 0117)

GVPT741 Political Theory; (3) REG/AUD.
0101 **(27943)** Butterworth, C.
Th 3:30pm-6:15pm (TYD 1111)

GVPT770 Seminar in American Political Institutions; (3) REG/AUD.
0101 **(27953)** Uslaner, E.
Th 6:30pm-9:15pm (TYD 1132)

GVPT780 Seminar in the Comparative Study of Politics; (3) REG/AUD.
0101 **(27963)** Johnson, O.
M 3:00pm-6:15pm (SKN 1112)

GVPT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GVPT802 Seminar in International Law; (3) REG/AUD.
0101 **(28012)** Piper, D.
W 3:30pm-6:15pm (TYD 1101)

GVPT808A Selected Topics in Functional Problems in International Relations: International Environmental Politics; (3) REG/AUD.
0101 **(28022)** Conca, K.
M 6:30pm-9:15pm (TYD 2111)

GVPT827 Seminar in Political Sociology; (3) REG/AUD. *Prerequisite: GVPT 427 or equivalent.*
0101 **(28032)** Heisler, M.
M 3:30pm-6:15pm (TYD 1128)

GVPT831 Formal Theories of Politics I; (3) REG/AUD.
0101 **(28052)** Lalman, D.
Tu 7:00pm-9:45pm (TYD 1114)

GVPT841 Great Political Thinkers; (3) REG/AUD. *Prerequisite: GVPT 441.*
0101 **(28062)** Glass, J.
W 6:30pm-9:15pm (TYD 1132)

GVPT844 American Political Theory; (3) REG/AUD. *Prerequisite: GVPT 444.*
0101 **(28072)** Terchek, R.
W 3:30pm-6:15pm (TYD 1132)

GVPT845 Marxist Political Theory; (3) REG/AUD. *Prerequisite: GVPT 443 or permission of instructor.*
0101 **(28073)** Tismaneanu, V.
Tu 3:30pm-6:15pm (TYD 1128)

GVPT848 Current Problems in Political Theory; (3) REG/AUD.
0101 **(28082)** Alford, C.
Tu 6:30pm-9:15pm (TYD 0101)

GVPT859A Selected Topics in Public Policy: Politics of Social Policy; (3) REG/AUD.
0101 **(28092)** Williams, L.
Tu 3:30pm-6:15pm (WDS 1130)

GVPT859B Selected Topics in Public Policy: Proseminar in Politics, Philosophy and Public Policy; (3) REG/AUD. Course is team taught by Dr. K. Soltan, Dr. P. Levine, and Dr. J. Lichtenberg.
0101 **(51819)** Soltan, K.
W 1:00pm-3:30pm (VMH 1109)

GVPT866 Political Economy of Transition to Market-Based Democracy; (3) REG/AUD. *Recommended: GVPT 760, GVPT 761.*
0101 **(28102)** Kaminski, B.
Tu 6:30pm-9:15pm (TYD 1128)

GVPT876 Seminar in National Security Policy; (3) REG/AUD.
0101 **(28112)** Quester, G.
Tu 12:30pm-3:15pm (TYD 0145)

GVPT878 Problems in American Government and Politics; (3) REG/AUD.
0101 **(28122)** McIntosh, W.
W 6:30pm-9:15pm (TYD 0111)

GVPT888A Selected Topics in Comparative Governmental Institutions: Qualitative Research Methods; (3) REG/AUD.
0101 **(28132)** Schreurs, M.
Th 6:30pm-9:15pm (TYD 1128)

GVPT888C Selected Topics in Comparative Governmental Institutions: Comparative Political Economy; (3) REG/AUD.
0101 **(28152)** Wilson, E.
Th 3:30pm-6:15pm (TYD 1132)

GVPT889 Selected Topics in Area Problems in International Relations: Foreign Relations of the People's Republic; (3) REG/AUD.
0101 **(28162)** Pearson, M.
Th 12:30pm-3:15pm (PLS 1115)

GVPT898 *(PermReq)* **Readings in Government and Politics; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GVPT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

HEBR Hebrew
(Arts and Humanities)

For other courses, see JWST - Jewish Studies. Students who have no knowledge of Hebrew should register for HEBR 111. Students who have studied Hebrew elsewhere are required to consult N. Levy.

HEBR111 Elementary Hebrew I; (6) REG/P-F/AUD. For beginners. This course meets six hours per week for 6 credits.
0101 **(28297)** Levy, N.
MWF 9:00am-10:50am (JMZ 1224)
0201 **(28298)** STAFF
MWF 11:00am-12:50pm (JMZ 1224)
0301 **(28299)** STAFF
MWF 9:00am-10:50am (JMZ 1226)
0401 **(28300)** STAFF
MWF 11:00am-12:50pm (JMZ 1226)

HEBR211 Intermediate Hebrew I; (6) REG/P-F/AUD. *Prerequisite: HEBR 112 or equivalent.* Individual testing required for placement first week of class.
0101 **(28310)** Fradkin, R.
MWF 11:00am-12:50pm (JMZ 1124)

HEBR313 Conversation and Composition I; (3) REG/P-F/AUD. *Prerequisite: HEBR 212 or equivalent.*
0101 **(28320)** STAFF
MW 9:00am-10:15am (JMZ 2102)

HEBR381 Advanced Conversation and Composition; (3) REG/P-F/AUD. *Prerequisite: HEBR 314 or permission of department.*
0101 **(28330)** STAFF
MW 1:00pm-2:15pm (JMZ 1123)

HEBR498I *(PermReq)* **Special Topics in Hebrew; (3)** REG.
0101 **(28340)** STAFF
Time and room to be arranged

HESP Hearing and Speech Sciences
(Behavioral and Social Sciences)

HESP120 Introduction to Linguistics; (3) REG/P-F/AUD. CORE: SB
0101 **(28390)** Arnold, M.
TuTh 11:00am-12:15pm (JMZ 2206)

HESP202 Introduction to Hearing and Speech Sciences; (3) REG/P-F/AUD. Hearing and speech majors and non-majors.
0101 **(28400)** STAFF
MWF 9:00am-9:50am (LEF 2205)

HESP300 Introduction to Psycholinguistics; (3) REG/P-F/AUD. *Prerequisite: HESP 202.*
0101 **(28410)** Haarmann, H.
TuTh 12:30pm-1:45pm (MMH 1400)

HESP305 Anatomy and Physiology of the Speech Mechanism; (3) REG/P-F/AUD. *Prerequisite: HESP 202.* Course chairman: McCall, Gerald. Offered fall only.
0101 **(28420)** McCall, G.
MWF 10:00am-10:50am (TYD 1102)

HESP311 Anatomy, Pathology and Physiology of the Auditory System; (3) REG/P-F/AUD. *Prerequisite: HESP 202.*
0101 **(28430)** STAFF
TuTh 3:30pm-4:45pm (JMZ 2206)

HESP386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

HESP400 Speech and Language Development in Children; (3) REG/P-F/AUD. *Prerequisite: HESP 300.*
0101 **(28454)** Roth, F.
TuTh 9:30am-10:45am (LEF 2208)

HESP403 Introduction to Phonetic Science; (3) REG/P-F/AUD. *Prerequisite: HESP 305.*
0101 **(28464)** Walker, M.
MW 3:00pm-4:15pm (SQH 1119)
M 2:15pm-3:00pm (SQH 1119) Dis

HESP407 Bases of Hearing Science; (3) REG/P-F/AUD. *Prerequisite: HESP 311.*
0101 **(28474)** STAFF
Tu 5:15pm-7:45pm (KEY 0102)

HESP411 Introduction to Audiology; (3) REG/P-F/AUD. *Prerequisite: HESP 311.*
0101 **(28484)** STAFF
TuTh 2:00pm-3:15pm (LEF 2208)

HESP417 Principles and Methods in Speech-Language Pathology and Audiology; (3) REG/P-F/AUD. *Prerequisite: HESP 402, HESP 411.* Course is team taught by E.Brigham and K. Hart-Litz. Offered fall only.
0101 **(28494)** Troia, G.
MF 1:00pm-1:50pm (LEF 2208)
W 12:00pm-1:50pm (LEF 2208) Lab

HESP499 *(PermReq)* **Independent Study: Topics in the Hearing and Speech Sciences; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

HESP600 *(PermReq)* **Instrumentation in Hearing and Speech Sciences; (3)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(28517)** Fitzgibbons, P.
Th 3:30pm-6:00pm (LEF 0104A)

HESP604 *(PermReq)* **Acoustical and Perceptual Phonetics; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(28527)** Yeni-Komshian, G.
Tu 3:30pm-6:00pm (LEF 0135)

HESP606 Basic Hearing Measurements; (3) REG/AUD. *Prerequisite: HESP 411 or equivalent.* Offered fall only.
0101 **(28537)** Gordon-Salant, S.
F 1:00pm-3:30pm (LEF 0135)

HESP612 *(PermReq)* **Fluency Disorders; (3)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(28557)** Ratner, N.
Tu 1:00pm-3:30pm (LEF 0135)

HESP614 *(PermReq)* **Orofacial Anomalies; (3)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(28567)** McCall, G.
M 1:00pm-3:30pm (LEF 0135)

HESP616 Language Disorders in Children; (3) REG/AUD. *Prerequisite: HESP 400 or equivalent or permission of department.* Offered fall only.
0101 **(28577)** Roth, F.
Th 1:00pm-3:30pm (LEF 0135)

HESP622 *(PermReq)* **Neuromotor Disorders of Speech; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(28578)** Jenkins, T.
Th 4:30pm-7:00pm (LEF 0135)

HESP630 Electrophysiological Measurements; (3) REG/AUD. *Prerequisite: HESP 606 or permission of department.* Offered fall only.
0101 **(28587)** STAFF
Th 3:30pm-6:00pm (LEF 0104A)

HESP638 *(PermReq)* **Research Practicum; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HESP639R Special Topics in Hearing and Speech Sciences: Augmentative and Alternative Communication; (3) REG/AUD.
0201 **(28672)** Glennen, S.
TuTh 11:00am-2:00pm (Arranged)

HESP648A *(PermReq)* **Clinical Practice in Speech: Diagnostic Procedures; (1)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only.

HESP648B *(PermReq)* **Clinical Practice in Speech: Therapeutic Procedures; (1-2)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only.

HESP649A *(PermReq)* **Clinical Practice in Audiology: Diagnostic Audiology; (1-2)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only.

HESP649B *(PermReq)* **Clinical Practice in Audiology: Aural Rehabilitation; (1-2)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only.

HESP702 Diagnostic Procedures in Speech-Language Pathology; (3) REG/AUD. Offered fall only.
0101 **(28619)** Worthington, C.
Th 9:30am-12:00pm (LEF 0135)

HESP706 Advanced Clinical Audiology; (3) REG/AUD. *Prerequisite: HESP 606 or equivalent.* Offered fall only.
0101 **(28629)** STAFF
W 3:30pm-6:00pm (LEF 0104A)

HESP708 *(PermReq)* **Independent Study; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HESP728 *(PermReq)* **Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Ratner. Majors only.

HESP729 *(PermReq)* **Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only.

HESP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

HESP878 *(PermReq)* **Seminar in Language Disorders; (3)** REG/AUD. Prerequisite: permission of instructor required.
0101 **(28656)** Haarmann, H.
M 3:30pm-6:00pm (Arranged)

HESP899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

HISP Historic Preservation
(Architecture)

HISP600 Seminar in Historic Preservation; (3) REG/AUD.
0101 **(28721)** Fogle, D.
M 7:00pm-9:40pm (ARC 1123)
Time and room to be arranged Dis

HISP619 Special Topics in Historic Preservation; (3) REG/AUD.
0101 **(28731)** Flack, J.
Time and room to be arranged

HISP678 Fieldwork in Historic Preservation; (3) REG/AUD.
0101 **(28741)** Comer, D.
W 7:00pm-9:40pm (ARC 1103)

HISP700 Final Seminar in Historic Preservation; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HIST History
(Arts and Humanities)

HIST110 The Ancient World; (3) REG/P-F/AUD. CORE: HO *Formerly HIST 130.*
0101 **(28801)** Eckstein, A.
MW 11:00am-11:50am (ARM 0131)
M 9:00am-9:50am (ARC 1121) Dis
0102 **(28802)** Eckstein, A.
MW 11:00am-11:50am (ARM 0131)
M 10:00am-10:50am (ARC 1121) Dis
0103 **(28803)** Eckstein, A.
MW 11:00am-11:50am (ARM 0131)
M 2:00pm-2:50pm (ARM 0119) Dis
0104 **(28804)** Eckstein, A.
MW 11:00am-11:50am (ARM 0131)
M 2:00pm-2:50pm (WDS 1130) Dis
0105 **(28805)** Eckstein, A.
MW 11:00am-11:50am (ARM 0131)
W 9:00am-9:50am (ARC 1121) Dis
0106 **(28806)** Eckstein, A.
MW 11:00am-11:50am (ARM 0131)
W 2:00pm-2:50pm (JMZ 1117) Dis
0107 **(28807)** Eckstein, A.
MW 11:00am-11:50am (ARM 0131)
W 2:00pm-2:50pm (WDS 1130) Dis
0108 **(28808)** Eckstein, A.
MW 11:00am-11:50am (ARM 0131)
Th 12:00pm-12:50pm (ZOP 1124) Dis
0109 **(28809)** Eckstein, A.
MW 11:00am-11:50am (ARM 0131)
Th 12:00pm-12:50pm (JMZ 2125) Dis
0110 **(28810)** Eckstein, A.
MW 11:00am-11:50am (ARM 0131)
F 11:00am-11:50am (WDS 1130) Dis
0111 **(28811)** Eckstein, A.
MW 11:00am-11:50am (ARM 0131)
F 2:00pm-2:50pm (JMZ 1117) Dis
0112 **(28812)** Eckstein, A.
MW 11:00am-11:50am (ARM 0131)
F 2:00pm-2:50pm (WDS 0104) Dis

HIST111 The Medieval World; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 131.*
0101 **(28822)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2102)
M 9:00am-9:50am (KEY 0117) Dis
0102 **(28823)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2102)
M 9:00am-9:50am (KEY 0121) Dis
0104 **(28824)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2102)
M 10:00am-10:50am (ZOP 1234) Dis
0105 **(28825)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2102)
M 10:00am-10:50am (KEY 0121) Dis
0106 **(28826)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2102)
W 10:00am-10:50am (ARC 1125) Dis
0107 **(28827)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2102)
W 10:00am-10:50am (KEY 0121) Dis
0108 **(28828)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2102)
Th 2:00pm-2:50pm (ARC 1121) Dis
0109 **(28829)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2102)
Th 2:00pm-2:50pm (KEY 0121) Dis
0110 **(28830)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2102)
Tu 2:00pm-2:50pm (KEY 0121) Dis
0111 **(28831)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2102)
M 12:00pm-12:50pm (KEY 0124) Dis
0112 **(28832)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2102)
M 2:00pm-2:50pm (WDS 1127) Dis

HIST111H The Medieval World; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 131.* For general honors students only.
0101 **(28842)** Rutenburg, J.
TuTh 1:00pm-1:50pm (SHM 2102)
Th 2:30pm-3:30pm (KEY 3111) Dis

HIST112 The Rise of the West: 1500 - 1789; (3) REG/P-F/AUD. CORE: HO *Formerly HIST 132.*
0101 **(28852)** Miller, P.
TuTh 12:30pm-1:45pm (TLF 1101)

HIST113 Modern Europe: 1789 - Present; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 133.*
0101 **(28862)** Wetzell, R.
MW 9:00am-9:50am (SHM 2102)
F 9:00am-9:50am (JMZ 1215) Dis
0102 **(28863)** Wetzell, R.
MW 9:00am-9:50am (SHM 2102)
M 2:00pm-2:50pm (KEY 0124) Dis
0103 **(28864)** Wetzell, R.
MW 9:00am-9:50am (SHM 2102)
M 2:00pm-2:50pm (KEY 0119) Dis
0104 **(28865)** Wetzell, R.
MW 9:00am-9:50am (SHM 2102)
F 9:00am-9:50am (KEY 0121) Dis
0105 **(28866)** Wetzell, R.
MW 9:00am-9:50am (SHM 2102)
W 2:00pm-2:50pm (KEY 0119) Dis
0106 **(28867)** Wetzell, R.
MW 9:00am-9:50am (SHM 2102)
W 2:00pm-2:50pm (KEY 0124) Dis
0107 **(28868)** Wetzell, R.
MW 9:00am-9:50am (SHM 2102)
F 12:00pm-12:50pm (KEY 0117) Dis
0108 **(28869)** Wetzell, R.
MW 9:00am-9:50am (SHM 2102)
F 12:00pm-12:50pm (KEY 0119) Dis

HIST120 Islamic Civilization; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Formerly HIST 280.*
0101 **(28879)** STAFF
TuTh 9:30am-10:45am (TYD 1132)

HIST122 African Civilization to 1800; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Formerly HIST 290.*
0101 **(28889)** Bravman, W.
MW 11:00am-11:50am (SHM 2102)
M 12:00pm-12:50pm (KEY 0126) Dis
0102 **(28890)** Bravman, W.
MW 11:00am-11:50am (SHM 2102)
M 1:00pm-1:50pm (KEY 0124) Dis
0103 **(28891)** Bravman, W.
MW 11:00am-11:50am (SHM 2102)
W 9:00am-9:50am (KEY 0116) Dis
0104 **(28892)** Bravman, W.
MW 11:00am-11:50am (SHM 2102)
F 11:00am-11:50am (ZOP 1234) Dis
0105 **(28893)** Bravman, W.
MW 11:00am-11:50am (SHM 2102)
F 12:00pm-12:50pm (KEY 0121) Dis
0106 **(28894)** Bravman, W.
MW 11:00am-11:50am (SHM 2102)
F 1:00pm-1:50pm (KEY 0121) Dis
0107 **(28895)** Bravman, W.
MW 11:00am-11:50am (SHM 2102)
F 2:00pm-2:50pm (KEY 0116) Dis
0108 **(28896)** Bravman, W.
MW 11:00am-11:50am (SHM 2102)
F 2:00pm-2:50pm (KEY 0121) Dis

HIST156 History of the United States to 1865; (3) REG/P-F/AUD. CORE: SH
0101 **(28906)** Berlin, I.
TuTh 10:00am-10:50am (HJP 0226)
M 9:00am-9:50am (ARM 0103) Dis
0102 **(28907)** Berlin, I.
TuTh 10:00am-10:50am (HJP 0226)
M 10:00am-10:50am (ARM 0103) Dis
0104 **(28909)** Berlin, I.
TuTh 10:00am-10:50am (HJP 0226)
M 2:00pm-2:50pm (ARM 0105) Dis
0105 **(28910)** Berlin, I.
TuTh 10:00am-10:50am (HJP 0226)
Tu 11:00am-11:50am (ARM 0103) Dis
0106 **(28911)** Berlin, I.
TuTh 10:00am-10:50am (HJP 0226)
Tu 12:00pm-12:50pm (ARM 0103) Dis
0107 **(28912)** Berlin, I.
TuTh 10:00am-10:50am (HJP 0226)
W 9:00am-9:50am (ARM 0103) Dis
0108 **(28913)** Berlin, I.
TuTh 10:00am-10:50am (HJP 0226)
W 10:00am-10:50am (ARM 0103) Dis
0109 **(28914)** Berlin, I.
TuTh 10:00am-10:50am (HJP 0226)
W 2:00pm-2:50pm (KEY 0120) Dis
0110 **(28915)** Berlin, I.
TuTh 10:00am-10:50am (HJP 0226)
Th 9:00am-9:50am (JMZ 2120) Dis
0111 **(28916)** Berlin, I.
TuTh 10:00am-10:50am (HJP 0226)
Th 1:00pm-1:50pm (JMZ 2125) Dis
0112 **(28917)** Berlin, I.
TuTh 10:00am-10:50am (HJP 0226)
Th 2:00pm-2:50pm (ZOP 1232) Dis
0201 **(28918)** Olson, A.
MW 11:00am-11:50am (KEY 0106)
M 10:00am-10:50am (SKN 1115) Dis
0202 **(28919)** Olson, A.
MW 11:00am-11:50am (KEY 0106)
M 12:00pm-12:50pm (SKN 1115) Dis
0204 **(28921)** Olson, A.
MW 11:00am-11:50am (KEY 0106)
Tu 10:00am-10:50am (ZOP 1124) Dis
0205 **(28922)** Olson, A.
MW 11:00am-11:50am (KEY 0106)
Tu 11:00am-11:50am (ZOP 1124) Dis
0206 **(28923)** Olson, A.
MW 11:00am-11:50am (KEY 0106)
W 9:00am-9:50am (LEF 1220) Dis
0207 **(28924)** Olson, A.
MW 11:00am-11:50am (KEY 0106)
W 10:00am-10:50am (SKN 1112) Dis
0208 **(28925)** Olson, A.
MW 11:00am-11:50am (KEY 0106)
W 2:00pm-2:50pm (TLF 1103) Dis
0301 **(28926)** Grimsted, D.
TuTh 11:00am-11:50am (KEY 0106)
M 10:00am-10:50am (LEF 1220) Dis
0302 **(28927)** Grimsted, D.
TuTh 11:00am-11:50am (KEY 0106)
M 2:00pm-2:50pm (WDS 1131) Dis
0303 **(28928)** Grimsted, D.
TuTh 11:00am-11:50am (KEY 0106)
Tu 9:00am-9:50am (ARC 1121) Dis
0304 **(28929)** Grimsted, D.
TuTh 11:00am-11:50am (KEY 0106)
Tu 12:00pm-12:50pm (LEF 1222) Dis
0305 **(28930)** Grimsted, D.
TuTh 11:00am-11:50am (KEY 0106)
Th 2:00pm-2:50pm (TLF 1101) Dis
0306 **(28931)** Grimsted, D.
TuTh 11:00am-11:50am (KEY 0106)
F 9:00am-9:50am (ZOP 1232) Dis
0307 **(28932)** Grimsted, D.
TuTh 11:00am-11:50am (KEY 0106)
F 10:00am-10:50am (TWS 0131) Dis
0308 **(28933)** Grimsted, D.
TuTh 11:00am-11:50am (KEY 0106)
F 11:00am-11:50am (TWS 0131) Dis

HIST156+ History of the United States to 1865; (3) REG/P-F/AUD. CORE: SH Restricted to students in a First Year Focus Cluster.
0103 **(29926)** Berlin, I.
TuTh 10:00am-10:50am (HJP 0226)
M 1:00pm-1:50pm (ARM 0103) Dis
0203 **(29927)** Olson, A.
MW 11:00am-11:50am (KEY 0106)
M 2:00pm-2:50pm (TLF 1103) Dis

HIST156H History of the United States to 1865; (3) REG/P-F/AUD. CORE: SH For general honors students only.
0101 **(28934)** Olson, A.
MW 11:00am-11:50am (KEY 0106)
W 1:00pm-1:50pm (SKN 1112) Dis

HIST157 History of the United States Since 1865; (3) REG/P-F/AUD. CORE: SH
0101 **(28943)** Hughes, M.
MW 10:00am-10:50am (KEY 0106)
M 12:00pm-12:50pm (LEF 1222) Dis
0102 **(28944)** Hughes, M.
MW 10:00am-10:50am (KEY 0106)
M 2:00pm-2:50pm (JMZ 1226) Dis
0103 **(28945)** Hughes, M.
MW 10:00am-10:50am (KEY 0106)
Tu 11:00am-11:50am (LEF 1222) Dis
0104 **(28946)** Hughes, M.
MW 10:00am-10:50am (KEY 0106)
Tu 9:00am-9:50am (JMZ 2123) Dis
0105 **(28947)** Hughes, M.
MW 10:00am-10:50am (KEY 0106)
Tu 12:00pm-12:50pm (ARC 1121) Dis
0106 **(28948)** Hughes, M.
MW 10:00am-10:50am (KEY 0106)
Tu 1:00pm-1:50pm (ARC 1121) Dis
0107 **(28949)** Hughes, M.
MW 10:00am-10:50am (KEY 0106)
W 9:00am-9:50am (KEY 0117) Dis
0108 **(28950)** Hughes, M.
MW 10:00am-10:50am (KEY 0106)
W 2:00pm-2:50pm (WDS 1131) Dis
0109 **(28951)** Hughes, M.
MW 10:00am-10:50am (KEY 0106)
F 9:00am-9:50am (JMZ 2125) Dis
0110 **(28952)** Hughes, M.
MW 10:00am-10:50am (KEY 0106)
F 11:00am-11:50am (SKN 0104) Dis
0111 **(28953)** Hughes, M.
MW 10:00am-10:50am (KEY 0106)
F 12:00pm-12:50pm (SKN 1115) Dis
0112 **(28954)** Hughes, M.
MW 10:00am-10:50am (KEY 0106)
F 2:00pm-2:50pm (SQH 2121) Dis
0201 **(28955)** Wehrle, E.
MW 9:00am-9:50am (KEY 0106)
M 10:00am-10:50am (ARC 1123) Dis
0202 **(28956)** Wehrle, E.
MW 9:00am-9:50am (KEY 0106)
M 11:00am-11:50am (ARC 1123) Dis
0203 **(28957)** Wehrle, E.
MW 9:00am-9:50am (KEY 0106)
M 12:00pm-12:50pm (ARC 1123) Dis
0204 **(28958)** Wehrle, E.
MW 9:00am-9:50am (KEY 0106)
W 11:00am-11:50am (ARM 0105) Dis
0205 **(28959)** Wehrle, E.
MW 9:00am-9:50am (KEY 0106)
W 2:00pm-2:50pm (WDS 1127) Dis
0206 **(28960)** Wehrle, E.
MW 9:00am-9:50am (KEY 0106)
W 10:00am-10:50am (ARC 1123) Dis
0207 **(28961)** Wehrle, E.
MW 9:00am-9:50am (KEY 0106)
Th 1:00pm-1:50pm (ARC 1125) Dis
0208 **(28962)** Wehrle, E.
MW 9:00am-9:50am (KEY 0106)
Th 12:00pm-12:50pm (ARC 1121) Dis
0209 **(28963)** Wehrle, E.
MW 9:00am-9:50am (KEY 0106)
Th 1:00pm-1:50pm (ARC 1121) Dis
0210 **(28964)** Wehrle, E.
MW 9:00am-9:50am (KEY 0106)
F 10:00am-10:50am (ARC 1123) Dis
0211 **(28965)** Wehrle, E.
MW 9:00am-9:50am (KEY 0106)
F 12:00pm-12:50pm (ARC 1123) Dis
0212 **(28966)** Wehrle, E.
MW 9:00am-9:50am (KEY 0106)
F 1:00pm-1:50pm (ARC 1123) Dis
0301 **(28967)** Peskin, L.
TuTh 1:00pm-1:50pm (KEY 0106)
M 9:00am-9:50am (ASY 3221) Dis
0302 **(28968)** Peskin, L.
TuTh 1:00pm-1:50pm (KEY 0106)
M 12:00pm-12:50pm (ASY 3211) Dis
0303 **(28969)** Peskin, L.
TuTh 1:00pm-1:50pm (KEY 0106)
M 12:00pm-12:50pm (ASY 3221) Dis
0304 **(28970)** Peskin, L.
TuTh 1:00pm-1:50pm (KEY 0106)
M 1:00pm-1:50pm (ASY 3211) Dis
0305 **(28971)** Peskin, L.
TuTh 1:00pm-1:50pm (KEY 0106)
Th 12:00pm-12:50pm (JMZ 3203) Dis
0306 **(28972)** Peskin, L.
TuTh 1:00pm-1:50pm (KEY 0106)
Th 9:00am-9:50am (JMZ 2117) Dis
0307 **(28973)** Peskin, L.
TuTh 1:00pm-1:50pm (KEY 0106)
Tu 11:00am-11:50am (JMZ 3203) Dis
0308 **(28974)** Peskin, L.
TuTh 1:00pm-1:50pm (KEY 0106)
Tu 12:00pm-12:50pm (JMZ 3203) Dis
0309 **(28975)** Peskin, L.
TuTh 1:00pm-1:50pm (KEY 0106)
F 12:00pm-12:50pm (ASY 3219) Dis
0310 **(28976)** Peskin, L.
TuTh 1:00pm-1:50pm (KEY 0106)
F 12:00pm-12:50pm (ARC 1121) Dis
0311 **(28977)** Peskin, L.
TuTh 1:00pm-1:50pm (KEY 0106)
F 1:00pm-1:50pm (ASY 3219) Dis
0312 **(28978)** Peskin, L.
TuTh 1:00pm-1:50pm (KEY 0106)
F 2:00pm-2:50pm (ASY 3219) Dis
0401 **(28979)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
M 10:00am-10:50am (ARM 0121) Dis
0402 **(28980)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
M 10:00am-10:50am (LEF 1201) Dis
0403 **(28981)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
M 2:00pm-2:50pm (JMZ 1117) Dis
0404 **(28982)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
M 2:00pm-2:50pm (LEF 1220) Dis
0405 **(28983)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Tu 9:00am-9:50am (JMZ 2125) Dis
0406 **(28984)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Tu 9:00am-9:50am (JMZ 2117) Dis
0407 **(28985)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Tu 10:00am-10:50am (JMZ 1117) Dis
0408 **(28986)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Tu 10:00am-10:50am (JMZ 1120) Dis
0409 **(28987)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
W 10:00am-10:50am (LEF 1201) Dis
0410 **(28988)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
W 2:00pm-2:50pm (LEF 1201) Dis
0412 **(28990)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Th 2:00pm-2:50pm (JMZ 3120) Dis

HIST157+ History of the United States Since 1865; (3) REG/P-F/AUD. CORE: SH Restricted to students in a First Year Focus Cluster.
0411 **(28991)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Th 1:00pm-1:50pm (LEF 1222) Dis

HIST175 Science and Technology in Western Civilization; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 201.*
0102 **(29001)** Abbate, J.
TuTh 12:00pm-12:50pm (KEY 0106)
M 12:00pm-12:50pm (ARM 0120) Dis
0103 **(29002)** Abbate, J.
TuTh 12:00pm-12:50pm (KEY 0106)
Tu 10:00am-10:50am (ARM 0118) Dis
0104 **(29003)** Abbate, J.
TuTh 12:00pm-12:50pm (KEY 0106)
Tu 1:00pm-1:50pm (ARM 0118) Dis
0105 **(29004)** Abbate, J.
TuTh 12:00pm-12:50pm (KEY 0106)
Th 9:00am-9:50am (JMZ 2123) Dis
0106 **(29005)** Abbate, J.
TuTh 12:00pm-12:50pm (KEY 0106)
Th 11:00am-11:50am (ARM 0118) Dis
0107 **(29006)** Abbate, J.
TuTh 12:00pm-12:50pm (KEY 0106)
F 11:00am-11:50am (ASY 3219) Dis
0108 **(29007)** Abbate, J.
TuTh 12:00pm-12:50pm (KEY 0106)
F 12:00pm-12:50pm (ARM 0118) Dis

HIST175+ Science and Technology in Western Civilization; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 201.* Restricted to students in a First Year Focus Cluster.
0101 **(29008)** Abbate, J.
TuTh 12:00pm-12:50pm (KEY 0106)
M 11:00am-11:50am (ARM 0121) Dis

HIST210 Women in America to 1880; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as WMST 210. Credit will be granted for only one of the following: HIST 210 or WMST 210.*
0101 **(29017)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
M 9:00am-9:50am (KEY 0116) Dis
0102 **(29018)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
M 2:00pm-2:50pm (KEY 0120) Dis
0103 **(29019)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
W 9:00am-9:50am (KEY 0121) Dis
0104 **(29020)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
F 9:00am-9:50am (KEY 0117) Dis
0105 **(29021)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
F 10:00am-10:50am (SKN 1115) Dis
0106 **(29022)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
F 12:00pm-12:50pm (KEY 0125) Dis
0107 **(29023)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
F 1:00pm-1:50pm (KEY 0116) Dis
0108 **(29024)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
F 2:00pm-2:50pm (KEY 0123) Dis

HIST211 Women in America Since 1880; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as WMST 211. Credit will be granted for only one of the following: HIST 211 or WMST 211.*
0101 **(29034)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
M 10:00am-10:50am (SQH 1123) Dis
0102 **(29035)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
M 2:00pm-2:50pm (WDS 0104) Dis
0103 **(29036)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Tu 11:00am-11:50am (JMZ 1117) Dis
0104 **(29037)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Tu 12:00pm-12:50pm (JMZ 1117) Dis
0105 **(29038)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Th 1:00pm-1:50pm (JMZ 2117) Dis
0106 **(29039)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Th 2:00pm-2:50pm (JMZ 0208) Dis
0107 **(29040)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
F 11:00am-11:50am (TYD 0111) Dis
0108 **(29041)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
F 2:00pm-2:50pm (TYD 1128) Dis

HIST219D Special Topics in History: Jewish Culture and Literature of the Second Temple Period; (3) REG/P-F/AUD. Crosslisted with JWST 219F.
0101 **(29051)** Lapin, H.
TuTh 2:00pm-3:15pm (KEY 0103)

HIST219I Special Topics in History: Jews and the City; (3) REG/P-F/AUD. Crosslisted with JWST 219D.
0101 **(29061)** Cooperman, B.
MWF 10:00am-10:50am (PLS 1119)

HIST219J Special Topics in History: Afro-American History to 1865; (3) REG/P-F/AUD.
0101 **(29071)** Barkley Brown, E.
MW 2:00pm-3:15pm (HJP 1229)

HIST235 History of Britain 1461 to 1714; (3) REG/P-F/AUD. CORE: SH
0101 **(29081)** Breslow, M.
TuTh 9:30am-10:45am (KEY 0103)

HIST250 Latin American History I; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(29091)** Wright, W.
TuTh 10:00am-10:50am (KEY 0102)
Tu 9:00am-9:50am (JMZ 1117) Dis
0102 **(29092)** Wright, W.
TuTh 10:00am-10:50am (KEY 0102)
Th 12:00pm-12:50pm (JMZ 1117) Dis
0103 **(29093)** Wright, W.
TuTh 10:00am-10:50am (KEY 0102)
W 9:00am-9:50am (ARM 0121) Dis
0104 **(29094)** Wright, W.
TuTh 10:00am-10:50am (KEY 0102)
W 10:00am-10:50am (ARM 0121) Dis

HIST266 The United States in World Affairs; (3) REG/P-F/AUD. CORE: SH
0101 **(29104)** Zhang, S.
MW 1:00pm-1:50pm (KEY 0102)
M 2:00pm-2:50pm (KEY 0125) Dis
0102 **(29105)** Zhang, S.
MW 1:00pm-1:50pm (KEY 0102)
W 2:00pm-2:50pm (KEY 0125) Dis
0103 **(29106)** Zhang, S.
MW 1:00pm-1:50pm (KEY 0102)
F 1:00pm-1:50pm (KEY 0125) Dis
0104 **(29107)** Zhang, S.
MW 1:00pm-1:50pm (KEY 0102)
F 2:00pm-2:50pm (KEY 0125) Dis

HIST275H Law and Constitutionalism in American History; (3) REG/P-F/AUD. CORE: SH Restricted to Honors Humanities students.
0101 **(29117)** Henretta, J.
MWF 11:00am-11:50am (KEY 1117)

HIST280 Reconstructing the Civilization of Ancient Mesopotamia; (3) REG. *Also offered as JWST 227. Not open to students who have completed HEBR 440. Credit will be granted for only one of the following: HIST 280 or JWST 227. Formerly HEBR 440.*
0101 **(29127)** Cohen, M.
MW 12:30pm-1:45pm (KEY 0121)

HIST282 History of the Jewish People I; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as JWST 234. Credit will be granted for only one of the following: HIST 282 or JWST 234.*
0101 **(29137)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
M 9:00am-9:50am (ARM 0118) Dis
0102 **(29138)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
M 1:00pm-1:50pm (ARM 0121) Dis
0103 **(29139)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
F 10:00am-10:50am (ARM 0121) Dis
0104 **(29140)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
F 12:00pm-12:50pm (KEY 0103) Dis
0105 **(29141)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
W 9:00am-9:50am (ARM 0118) Dis
0106 **(29142)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
M 1:00pm-1:50pm (ASY 3215) Dis
0107 **(29143)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
F 10:00am-10:50am (ASY 3211) Dis
0108 **(29144)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
F 12:00pm-12:50pm (ASY 3211) Dis

HIST282H History of the Jewish People I; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as JWST 234. Credit will be granted for only one of the following: HIST 282 or JWST 234.* For general honors students only.
0101 **(29155)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
W 2:00pm-2:50pm (SKN 1112) Dis

HIST284 East Asian Civilization I; (3) REG/P-F/AUD.
0101 **(29164)** Lilley, C.
TuTh 12:30pm-1:45pm (KEY 0126)

HIST305 The Eastern Orthodox Church: Its Cultural History; (3) REG/P-F/AUD.
0101 **(29174)** Majeska, G.
TuTh 12:30pm-1:45pm (KEY 0116)

HIST306 History of Religion in America; (3) REG/P-F/AUD.
0101 **(29184)** Bradbury, M.
TuTh 2:00pm-3:15pm (KEY 0116)

HIST307 The Holocaust of European Jewry; (3) REG/P-F/AUD. *Also offered as JWST 345. Not open to students who have completed HIST 206. Credit will be granted for only one of the following: HIST 307 or JWST 345. Formerly HIST 206.*
0101 **(29194)** Rozenblit, M.
TuTh 11:00am-12:15pm (KEY 0116)

HIST309A Proseminar in Historical Writing: Early American History; (3) REG/P-F/AUD. CORE: CS
0101 **(29204)** Bradbury, M.
Th 10:00am-12:00pm (KEY 0107)
Time and room to be arranged Dis

HIST309C Proseminar in Historical Writing: Crisis of the Early American Republic, 1780-1810; (3) REG/P-F/AUD. CORE: CS
0101 **(29214)** Ridgway, W.
W 11:00am-1:00pm (KEY 1118)
Time and room to be arranged Dis

HIST309D Proseminar in Historical Writing: The Social History of Urban America; (3) REG/P-F/AUD. CORE: CS
0101 **(29224)** Flack, J.
Tu 10:00am-12:00pm (KEY 1118)
Time and room to be arranged Dis

HIST309E Proseminar in Historical Writing: Problems in Modern Jewish History; (3) REG/P-F/AUD. CORE: CS Crosslisted with JWST 309.
0101 **(29234)** Rozenblit, M.
Th 3:00pm-5:00pm (KEY 0107)
Time and room to be arranged Dis

HIST309G Proseminar in Historical Writing: U.S.-East Asia Relations in the 20th Century (China, Japan, Korea); (3) REG/P-F/AUD. CORE: CS
0101 **(29244)** Mayo, M.
Tu 2:00pm-4:00pm (KEY 0107)
Time and room to be arranged Dis

HIST309I Proseminar in Historical Writing: Twentieth Century U.S. Foreign Relations; (3) REG/P-F/AUD. CORE: CS
0101 **(29254)** Zhang, S.
W 4:00pm-6:00pm (KEY 0107)
Time and room to be arranged Dis

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

HIST309J Proseminar in Historical Writing: Modern Europe Emphasizing Computerized Methods and Sources; (3) REG/P-F/AUD. CORE: CS
0101 **(29264)** Sutherland, D.
M 2:00pm-4:00pm (KEY 1118)
Time and room to be arranged Dis

HIST309X Proseminar in Historical Writing: Women, Men and Gender in American Broadcasting; (3) REG/P-F/AUD. CORE: CS
0101 **(29274)** Muncy, R.
Tu 2:00pm-4:00pm (KEY 3111)
Time and room to be arranged Dis

HIST309Y Proseminar in Historical Writing: Topics in Modern British History; (3) REG/P-F/AUD. CORE: CS
0101 **(29284)** Price, R.
W 1:00pm-3:00pm (KEY 3111)
Time and room to be arranged Dis

HIST316A Crisis and Change in Latin America: Slavery and Race Relations in Latin America; (3) REG/P-F/AUD. DIVERSITY
0101 **(29294)** Wright, W.
TuTh 12:30pm-1:45pm (KEY 1117)

HIST319B Special Topics in History: The Black Atlantic World (1450-1900); (3) REG/P-F/AUD.
0101 **(29304)** Palmie, S.
TuTh 12:00pm-1:15pm (KEY 0124)

HIST330 Europe in the Making: The Early Medieval West (A.D. 300-1000); (3) REG/P-F/AUD.
0101 **(29314)** Bedos-Rezak, B.
TuTh 9:30am-10:45am (KEY 1117)

HIST337 Europe in the World Setting of the 20th Century; (3) REG/P-F/AUD.
0101 **(29324)** Lampe, J.
TuTh 2:00pm-3:15pm (KEY 1117)

HIST351 Social History of Washington, D.C.; (3) REG/P-F/AUD. Students must be available from 10am-1pm on six different Fridays throughout the semester. For further information, contact the instructor.
0101 **(29334)** Flack, J.
MWF 11:00am-11:50am (KEY 0103)

HIST353 America in the Revolutionary Era, 1763-1815; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: HIST 353 or HIST 361.*
0101 **(29344)** Ridgway, W.
MW 2:00pm-3:15pm (KEY 1117)

HIST357 Recent America: 1945-Present; (3) REG/P-F/AUD. *Recommended: HIST 157 or HIST 356. Credit will be granted for only one of the following: HIST 357 or HIST 367.*
0101 **(29354)** Smead, E.
MW 2:00pm-3:15pm (KEY 0102)

HIST386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: permission of department. 56 semester hours.*
0101 **(29367)** Flack, J.
Time and room to be arranged

HIST395 *(PermReq)* **Honors Colloquium I; (3)** REG/P-F/AUD. *Prerequisite: permission of department. For HIST majors only.*
0101 **(29377)** Eckstein, A.
M 3:00pm-5:00pm (KEY 0120)
Time and room to be arranged Dis

HIST398 Honors Thesis; (3) REG/P-F/AUD.
0101 **(29387)** Eckstein, A.
Time and room to be arranged
Time and room to be arranged Dis

HIST401 The Scientific Revolution: From Copernicus to Newton; (3) REG/P-F/AUD.
0101 **(29397)** Brush, S.
TuTh 2:00pm-3:15pm (PLS 1111)

HIST406 History of Technology; (3) REG/P-F/AUD. *Not open to students who have completed HIST 407 prior to Fall Semester, 1989.*
0101 **(29407)** Abbate, J.
TuTh 2:00pm-3:15pm (PLS 1119)

HIST419D Special Topics in History: Twentieth-Century U.S. Presidential History; (3) REG/P-F/AUD.
0101 **(29427)** Olson, K.
TuTh 12:30pm-1:45pm (KEY 0125)

HIST419E Special Topics in History: Readings in Southern African History; (3) REG/P-F/AUD.
0101 **(29437)** Bravman, W.
MW 2:00pm-3:15pm (KEY 0121)

HIST419I Special Topics in History: Society and Culture in Early Modern Europe; (3) REG/P-F/AUD.
0101 **(29447)** Miller, P.
Tu 3:00pm-5:00pm (JMZ 2207)
Time and room to be arranged Dis

HIST419J Special Topics in History: Issues in Chinese Culture and Society: 1600 - Present; (3) REG/P-F/AUD.
0101 **(29457)** Gao, J.
W 3:00pm-5:00pm (KEY 0124)
Time and room to be arranged Dis

HIST424 Early Russia; (3) REG/P-F/AUD.
0101 **(29467)** Majeska, G.
TuTh 9:30am-10:45am (KEY 0125)

HIST436 French Revolution and Napoleon; (3) REG/P-F/AUD.
0101 **(29477)** Sutherland, D.
MW 12:30pm-1:45pm (KEY 0125)

HIST440 Germany in the Nineteenth Century, 1815-1914; (3) REG/P-F/AUD.
0101 **(29487)** Wetzell, R.
MW 2:00pm-3:15pm (KEY 0116)

HIST442 Twentieth-Century Russia; (3) REG/P-F/AUD.
0101 **(29497)** David-Fox, M.
TuTh 12:30pm-1:45pm (KEY 0103)

HIST445 Twentieth-Century European Diplomatic History; (3) REG/P-F/AUD.
0101 **(29507)** Kent, G.
TuTh 9:30am-10:45am (KEY 0126)

HIST454 Constitutional History of the United States: From Colonial Origins to 1860; (3) REG/P-F/AUD.
0101 **(29517)** Belz, H.
TuTh 9:30am-10:45am (KEY 0116)

HIST456 History of American Culture and Ideas to 1865; (3) REG/P-F/AUD.
0101 **(29527)** Gilbert, J.
TuTh 11:00am-12:15pm (KEY 1117)

HIST461 Blacks in American Life: 1865 to Present; (3) REG/P-F/AUD. DIVERSITY
0101 **(29537)** Moss, A.
TuTh 2:00pm-3:15pm (KEY 0126)

HIST462 The United States Civil War; (3) REG/P-F/AUD.
0101 **(29547)** Osher, D.
TuTh 8:00am-9:15am (KEY 1117)

HIST473 History of the Caribbean; (3) REG/P-F/AUD. DIVERSITY
0101 **(29557)** Palmie, S.
TuTh 2:00pm-3:15pm (KEY 0125)

HIST480 History of Traditional China; (3) REG/P-F/AUD.
0101 **(29567)** Gao, J.
MW 12:30pm-1:45pm (KEY 0103)

HIST482 History of Japan to 1800; (3) REG/P-F/AUD.
0101 **(29577)** Mayo, M.
TuTh 11:00am-12:15pm (KEY 0103)

HIST491 History of the Ottoman Empire; (3) REG/P-F/AUD. DIVERSITY
0101 **(29587)** Zilfi, M.
Tu 1:00pm-3:00pm (KEY 2119)
Time and room to be arranged Dis

HIST499 Independent Study; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HIST600 Historiography; (3) REG/AUD.
0101 **(29645)** Belz, H.
Th 3:30pm-6:00pm (KEY 2119)

HIST602 General Seminar: American History; (3) REG/AUD.
0101 **(29655)** Moss, A.
Th 6:00pm-8:30pm (KEY 2119)

HIST607 The Teaching of History in Institutions of Higher Learning; (1) S-F.
0101 **(29665)** Henretta, J.
Time and room to be arranged

HIST618 Readings in the History of Women; (3) REG/AUD.
0101 **(29675)** Lyons, C.
W 1:00pm-3:30pm (KEY 1118)

HIST619A Special Topics in History: Readings in the History of African Arts, Culture and Leisure; (3) REG/AUD.
0101 **(29676)** Bravman, W.
Tu 3:30pm-6:00pm (KEY 0103)

HIST619B *(PermReq)* **Special Topics in History: Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HIST619C Special Topics in History: Orientation Seminar: Material Aspects of American Civilization: Introduction to Museum Studies; (3) REG/AUD. Course is held at the Smithsonian, American History Museum, West Conference Room. Classes Start 8/26/98.
0101 **(29732)** Finn, B.
W 3:30pm-6:00pm (Arranged)

HIST619D Special Topics in History: Liberalism in Europe and U.S., 1750-1950; (3) REG/AUD.
0101 **(29742)** Henretta, J.
W 3:30pm-6:00pm (KEY 2119)

HIST619I Special Topics in History: Gender and Identity in History; (3) REG/AUD.
0101 **(29752)** Gullickson, G.
Th 3:30pm-6:00pm (KEY 1118)

HIST619J Special Topics in History: Readings in the History of Slavery; (3) REG/AUD.
0101 **(29753)** Berlin, I.
Tu 3:30pm-6:00pm (KEY 1118)

HIST638 Readings in Ante-Bellum America, 1812 - 1861; (3) REG/AUD.
0101 **(29762)** Grimsted, D.
Tu 6:00pm-8:30pm (KEY 1118)

HIST649 Readings in Recent American History, 1941-Present; (3) REG/AUD.
0101 **(29772)** Olson, K.
Tu 6:00pm-8:30pm (KEY 2119)

HIST718 Readings in Medieval History; (3) REG/AUD.
0101 **(29782)** Bedos-Rezak, B.
Tu 3:30pm-6:00pm (KEY 2119)

HIST759 Readings in Russian and Soviet History: Topics in 20th Century History and Historiography; (3) REG/AUD.
0101 **(29792)** David-Fox, M.
Tu 6:00pm-8:30pm (KEY 3111)

HIST799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

HIST819B *(PermReq)* **Special Topics in History: Independent Research; (1-3)** REG/AUD.
0101 **(29849)** STAFF
Time and room to be arranged

HIST878 Seminar in Colonial American History; (3) REG/AUD.
0101 **(29859)** Olson, A.
M 1:00pm-3:30pm (KEY 2119)

HIST880 Seminar in Southern History; (3) REG/AUD.
0101 **(29869)** Rowland, L.
W 3:30pm-6:00pm (KEY 3111)

HIST899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

HLHP Health and Human Performance
(Health and Human Performance)

HLHP688 *(PermReq)* **Field Work in Aging; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH Health
(Health and Human Performance)

HLTH105 Science and Theory of Health; (2) REG/AUD.
0101 **(30026)** Porter, A.
TuTh 9:30am-10:45am (HHP 1303)

HLTH106 Drug Use and Abuse; (3) REG/AUD.
0101 **(30036)** STAFF
MWF 9:00am-9:50am (HHP 1312)
0201 **(30037)** STAFF
TuTh 12:30pm-1:45pm (HHP 1301)

HLTH140 Personal and Community Health; (3) REG/AUD.
0101 **(30047)** Richmond, B.
MWF 10:00am-10:50am (HHP 1301)
0201 **(30048)** Gray, S.
MWF 11:00am-11:50am (HHP 1301)
0301 **(30049)** STAFF
MWF 12:00pm-12:50pm (HHP 1302)
0401 **(30050)** Guenther, D.
TuTh 11:00am-12:15pm (HHP 1303)
0501 **(30051)** Torchia, T.
TuTh 12:30pm-1:45pm (HHP 0306)
0601 **(30052)** Torchia, T.
TuTh 2:00pm-3:15pm (HHP 0306)
0701 **(30053)** Richmond, B.
MWF 9:00am-9:50am (HHP 1302)
0801 **(30054)** Guenther, D.
TuTh 9:30am-10:45am (HHP 0307)

HLTH150 First Aid and Emergency Medical Services; (2) REG/AUD.
0101 **(30064)** Milstein, S.
M 8:00am-9:40am (HHP 0302)
0201 **(30065)** Milstein, S.
W 8:00am-9:40am (HHP 0302)

HLTH230 Introduction to Health Behavior; (3) REG/AUD. Offered fall only.
0101 **(30075)** Hallmark, M.
TuTh 2:00pm-3:15pm (HHP 1302)

HLTH285 Controlling Stress and Tension; (3) REG/AUD.
0101 **(30085)** Schiraldi, G.
MWF 11:00am-11:50am (HHP 1312)
0201 **(30086)** Schiraldi, G.
MWF 2:00pm-2:50pm (HHP 1312)
0301 **(30087)** Hyde, D.
TuTh 12:30pm-1:45pm (HHP 1302)
0401 **(30088)** Greenberg, J.
MW 2:00pm-3:15pm (HHP 1302)
Section 0401 includes a service-learning component; learning will be enhanced by students applying knowledge and skills learned in class to people in need of this expertise. In turn, people in need will benefit from this service.
0501 **(30089)** Spalding, T.
TuTh 2:00pm-3:15pm (HHP 0305)

HLTH289 Topical Investigations; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH340 *(PermReq)* **Curriculum, Instruction and Observation; (3)** REG/AUD. *Prerequisite: HLTH 140; and HLTH 420.* Offered fall only.
0101 **(30117)** Reynolds, M.
M 12:00pm-2:00pm (HHP 0301)
Time and room to be arranged Lab

HLTH371 Communicating Safety and Health; (3) REG/AUD.
0101 **(30127)** Beck, K.
TuTh 11:00am-12:15pm (HHP 1301)
0201 **(30128)** Crump, A.
MWF 11:00am-11:50am (HHP 1302)

HLTH377 Human Sexuality; (3) REG/AUD. *Formerly HLTH 477.*
0101 **(30138)** Sawyer, R.
TuTh 11:00am-12:15pm (HHP 1312)
0201 **(30139)** Miller, L.
MWF 10:00am-10:50am (HHP 1302)
0301 **(30140)** Reynolds, M.
MW 3:00pm-4:15pm (HHP 1312)

HLTH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

HLTH389 Topical Investigations; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH420 *(PermReq)* **Methods and Materials in Health Education; (3)** REG/AUD. *Prerequisites: HLTH 105 or HLTH 140.*
0101 **(30236)** Sawyer, R.
TuTh 2:00pm-3:15pm (HHP 0303)
0201 **(30237)** Reynolds, M.
TuTh 11:00am-12:15pm (HHP 0303)

HLTH437 Consumer Behavior; (3) REG/P-F/AUD. *Prerequisites: PSYC 100; and SOCY 100. Credit will be granted for only one of the following: CNEC 437 or HLTH 437.*
0101 **(30247)** Brown, S.
TuTh 2:00pm-3:15pm (HHP 1301)

HLTH471 Women's Health; (3) REG/AUD. DIVERSITY *Also offered as WMST 471. Credit will be granted for only one of the following: HLTH 471 or WMST 471.* Recommended for junior and senior women.
0101 **(30257)** Reynolds, M.
TuTh 12:30pm-1:45pm (HHP 1312)
0201 **(30258)** Miller, L.
W 4:00pm-6:45pm (HHP 1302)

HLTH476 Death Education; (3) REG/AUD.
0101 **(30268)** Leviton, D.
TuTh 2:00pm-3:15pm (HHP 1312)

HLTH485 Ways of Knowing About Human Stress and Tension; (3) REG/AUD. *Prerequisite: HLTH 285. Not open to students who have completed HLTH 498T.* Students who do not meet the prerequisite of HLTH285 will be dropped. Attendance on the first day of classes is mandatory.
0101 **(30278)** Schiraldi, G.
M 7:00pm-10:00pm (HHP 0307)

HLTH487 Adult Health and Developmental Program; (3) REG/AUD. First two class meetings will be Saturday, September 5 and Saturday, September 12, 1998 at 9am in the Stamp Student Union, room 2111. Students must attend first meeting.
0101 **(30288)** Leviton, D.
Sa 8:30am-1:30pm (SSU 2111)

HLTH489 *(PermReq)* **Field Laboratory Projects and Workshop; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH490 *(PermReq)* **Principles and Techniques of Community Health; (3)** REG/P-F/AUD. *Prerequisite: HLTH 391.* Offered fall only.
0101 **(30316)** Desmond, S.
M 1:00pm-2:50pm (HHP 1301)
W 1:00pm-4:00pm (HHP 1301) Lab

HLTH491 *(PermReq)* **Community Health Internship; (12)** S-F. *Prerequisite: HLTH 490. For community health majors only.*
0101 **(30326)** Bockeloo, B.
Time and room to be arranged

HLTH498S *(PermReq)* **Special Topics in Health: Service Learning in Health Education; (3)** REG/P-F/AUD.
0101 **(30336)** Greenberg, J.
MW 11:00am-12:00pm (HHP 0303)
Time and room to be arranged Lab

HLTH605 *(PermReq)* **Foundations of Health Education; (3)** REG/AUD. *For health education majors only. Formerly HLTH 740.*
0101 **(30346)** Greenberg, J.
M 4:00pm-6:45pm (HHP 0302)

HLTH665 Health Behavior I; (3) REG/AUD.
0101 **(30356)** Desmond, S.
Th 4:00pm-6:45pm (HHP 0301)

HLTH688 *(PermReq)* **Special Problems in Health Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH710 Methods and Techniques of Research; (3) REG/AUD.
0101 **(30384)** Feldman, R.
Tu 4:00pm-6:45pm (HHP 0301)

HLTH720 Scientific Foundations of Health Education; (3) REG/AUD.
0101 **(30394)** Howard, D.
W 4:00pm-6:45pm (HHP 0303)

HLTH750 Stress and Disease; (3) REG/AUD.
0101 **(30404)** Spalding, T.
Tu 7:00pm-9:45pm (HHP 0307)

HLTH775 *(PermReq)* **Health Education Program Planning and Evaluation; (3)** REG/AUD. *Prerequisites: HLTH 710 and permission of department.*
0101 **(30414)** Feldman, R.
M 4:00pm-6:45pm (HHP 0303)

HLTH785 *(PermReq)* **Internship in Health Education; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: (HLTH 665; and HLTH 775; and HLTH 780); or permission of department.*

HLTH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

HLTH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

HONR Honors
(Undergraduate Studies)

ALL HONR courses are open to students enrolled in University Honors and/or Departmental Honors programs and to others by permission of the Director of University Honors. Detailed descriptions of University Honors seminars can be found in the course description brochure available in the Honors Office in Anne Arundel Hall or by calling x56771. All Honors courses require approval prior to registration.

HONR100 Honors Colloquium; (1) REG. *Prerequisite: permission of University Honors Program.* Course restricted to Fall 1998 freshmen honors students.
0101 **(30524)** Dula, T.
M 12:00pm-1:30pm (PLS 1164) Dis
0102 **(30525)** Dula, T.
Tu 2:00pm-3:30pm (PLS 1168) Dis
0103 **(30526)** Dula, T.
Tu 12:30pm-2:00pm (PLS 1115) Dis
0104 **(30527)** Dula, T.
W 3:30pm-5:00pm (ANA 0100) Dis
0105 **(30528)** Dula, T.
W 9:00am-10:30am (HJP 1229) Dis
0106 **(30529)** Dula, T.
Th 3:00pm-4:30pm (ANA 0103) Dis
0107 **(30530)** Dula, T.
Tu 9:00am-10:30am (ARC 1125) Dis
0108 **(30531)** Dula, T.
Th 2:00pm-3:30pm (ANA 0100) Dis
0109 **(30532)** Dula, T.
M 3:30pm-5:00pm (ANA 0103) Dis
0110 **(30533)** Dula, T.
M 8:30am-10:00am (ANA 0120) Dis
0111 **(30534)** Dula, T.
F 12:00pm-1:30pm (ANA 0103) Dis
0112 **(30535)** Dula, T.
Th 3:30pm-5:00pm (ANA 0100) Dis
0113 **(30536)** Dula, T.
Th 12:30pm-2:00pm (TWS 2228) Dis

HONR100 cont'd

0114 (30537) Dula, T.
Tu 4:00pm-5:30pm (ANA 0120) Dis
0115 (30538) Dula, T.
W 2:00pm-3:30pm (PLS 1172) Dis
0116 (30539) Dula, T.
Th 12:30pm-2:00pm (LEF 1220) Dis
0117 (30540) Dula, T.
W 12:00pm-1:30pm (PLS 1172) Dis
0118 (30541) Dula, T.
F 2:00pm-3:30pm (ANA 0100) Dis
0119 (30542) Dula, T.
M 12:30pm-2:00pm (PLS 1184) Dis
0120 (30543) Dula, T.
W 3:00pm-4:30pm (PLS 1115) Dis
0121 (30544) Dula, T.
Th 2:00pm-3:30pm (JMZ 1211) Dis
0122 (30545) Dula, T.
W 10:00am-11:30am (CHE 2118) Dis
0123 (30546) Dula, T.
M 1:00pm-2:30pm (ASY 3217) Dis
0124 (30547) Dula, T.
W 1:00pm-2:30pm (PLS 1176) Dis
0125 (30548) Dula, T.
Tu 2:00pm-3:30pm (PLS 1162) Dis
0126 (30549) Dula, T.
W 3:30pm-5:00pm (PLS 1176) Dis
0127 (30550) Dula, T.
M 12:00pm-1:30pm (PLS 1180) Dis
0128 (30551) Dula, T.
M 2:30pm-4:00pm (PLS 1184) Dis
0129 (30552) Dula, T.
F 3:00pm-4:30pm (ANA 0103) Dis
0130 (30557) Dula, T.
Tu 3:30pm-5:00pm (PLS 1176) Dis
0131 (30553) Dula, T.
M 4:00pm-5:30pm (PLS 1176) Dis
0132 (30554) Dula, T.
Tu 11:00am-12:30pm (PLS 1172) Dis
0133 (30555) Dula, T.
M 9:30am-11:00am (ANA 0100) Dis
0134 (30556) Dula, T.
Tu 3:30pm-5:00pm (PLS 1158) Dis

HONR100G Honors Colloquium; (1) REG. *Prerequisite: permission of University Honors Program.* Restricted to Gemstone students.
0101 (30558) Dula, T.
M 2:00pm-3:30pm (PLS 1164) Dis
0102 (30559) Dula, T.
F 11:00am-12:30pm (ANA 0120) Dis
0103 (30560) Dula, T.
Tu 10:00am-11:30am (JMZ 1123) Dis
0104 (30561) Dula, T.
Th 3:00pm-4:30pm (PLS 1168) Dis
0105 (30562) Dula, T.
W 4:00pm-5:30pm (ANA 0103) Dis
0106 (30563) Dula, T.
Th 2:00pm-3:30pm (EGR 1104) Dis
0107 (30564) Dula, T.
M 1:00pm-2:30pm (PLS 1146) Dis
0108 (30565) Dula, T.
W 5:00pm-6:30pm (ANA 0120) Dis
0109 (31211) Dula, T.
F 2:00pm-3:30pm (ANA 0120) Dis
0110 (31212) Dula, T.
Tu 1:30pm-3:00pm (ASY 3217) Dis

HONR218A Honors Seminar: In Search of Ancient Astronomies; (3) REG. CORE: HO DIVERSITY
0101 (30566) Carlson, J.
W 6:30pm-9:00pm (ANA 0120)
0102 (30567) Carlson, J.
Tu 6:30pm-9:00pm (ANA 0120)

HONR218C Honors Seminar: Western Intellectual Heritage: The Hero and Society; (3) REG. CORE: HO
0101 (30577) Hall, M.
Th 6:00pm-8:30pm (ANA 0120)

HONR218L Honors Seminar: Language and Mind; (3) REG. CORE: HO
0101 (30587) Lightfoot, D.
TuTh 9:30am-10:45am (MMH 3418)

HONR228A Honors Seminar: Science and Pseudoscience: An Investigative Approach; (3) REG. CORE: MS
0101 (30597) Denman, D.
MW 4:00pm-5:15pm (CSS 4400)

HONR228Q Honors Seminar: Nuclear Physics and Society; (3) REG. CORE: PS
0101 (30607) Berg, R.
TuTh 2:00pm-3:15pm (PHY 0405)

HONR238B Honors Seminar: Images of Masculinity in Twentieth Century American Literature and Film; (3) REG. CORE: HL
0101 (30617) O'Sullivan, S.
TuTh 12:30pm-1:45pm (JMZ 1104)

HONR238Z Honors Seminar: Understanding the World through Reading; (3) REG. CORE: HL
0101 (30627) Freedman, M.
M 4:00pm-6:30pm (ANA 0120)

HONR239D Honors Seminar: The Language of Visual Communication; (3) REG.
0101 (30628) Weiss, G.
TuTh 9:30am-10:45am (TWS 2228)

HONR239I Honors Seminar: Buddhism: Personal and Social Transformations; (3) REG. CORE: HO DIVERSITY
0101 (30637) Urubshurow, V.
Tu 5:30pm-8:00pm (JMZ 2207)

HONR248G Honors Seminar: Social and Group Violence in America; (3) REG. CORE: SH
0101 (30647) Smead, E.
W 10:00am-12:30pm (ANA 0120)

HONR248H Honors Seminar: Deviance and Disability in Context; (3) REG. CORE: SB
0101 (30648) Leone, P.
MW 2:00pm-3:15pm (ANA 0100)

HONR248O Honors Seminar: The Military and the Media in American History; (3) REG. CORE: SH
0101 (30657) Hammond, W.
Th 5:00pm-7:30pm (ANA 0103)

HONR248W Honors Seminar: America in the 1960's; (3) REG. CORE: SH
0101 (30667) Newman, J.
Tu 12:30pm-3:00pm (ANA 0120)

HONR249I Honors Seminar: The Examined Life; (3) REG. CORE: SB
0101 (30677) Burt, J.
Tu 7:00pm-9:30pm (HHP 0301)

HONR249J Honors Seminar: Economics and the Environment; (3) REG. CORE: SB
0101 (30687) Horowitz, J.
MW 2:00pm-3:15pm (JMZ 0125)

HONR258A Honors Seminar: Untold Stories: Modern Women Writers Re-imagining the Western Tradition; (3) REG. CORE: HL DIVERSITY
0101 (30697) Staudt, K.
TuTh 9:30am-10:45am (JMZ 1124)

HONR258C Honors Seminar: Silence and Art; (3) REG. CORE: HA
0101 (30707) Retallack, J.
Th 2:00pm-4:30pm (ANA 0120)

HONR258E Honors Seminar: Television Reality; (3) REG. CORE: HO
0101 (30717) Barkin, S.
Th 12:30pm-3:00pm (JMZ 0120)

HONR258K Honors Seminar: Shakespeare: In History and in Performance; (3) REG. CORE: HL HONR 258K is equivalent in course content to ENGL 205. Credit will be granted for only one of the following: HONR 258K or ENGL 205.
0101 (30727) Mack, M.
TuTh 9:30am-10:45am (ANA 0120)

HONR258N Honors Seminar: Philosophy and Computers; (3) REG. CORE: MS
0101 (30737) Cherniak, C.
TuTh 2:00pm-3:15pm (SKN 1115)

HONR258O Honors Seminar: The Kinesiological Bases of Sport; (3) REG. There will be a $25 charge for equipment needed for the course.
0101 (30747) Iso-Ahola, S.
TuTh 2:00pm-3:15pm (HHP 0302)

HONR258T Honors Seminar: Tools of Fiction: Literature and/as Creative Writing; (3) REG. CORE: HL
0101 (30757) Hebert, D.
TuTh 2:00pm-3:15pm (JMZ 1120)

HONR258V Honors Seminar: American Attitudes Toward War; (3) REG. CORE: SH
0101 (30767) Hogan, D.
Th 6:00pm-8:30pm (JMZ 2207)

HONR258W Honors Seminar: Exploring Homophobia: Demystifying Lesbian and Gay Issues; (3) REG. DIVERSITY
0101 (30777) Zeiger, R.
TuTh 11:00am-12:15pm (ANA 0100)

HONR259J Honors Seminar: American Suburbia; (3) REG. CORE: HO
0101 (30787) Sies, M.
TuTh 9:30am-10:45am (EGR 3140)

HONR259Q Honors Seminar: Conformity, Rebellion, and Identity: A Literary Perspective; (3) REG. CORE: HL
0101 (30797) Airozo, J.
MWF 1:00pm-1:50pm (ANA 0100)

HONR259S Honors Seminar: The Body and Literature; (3) REG. CORE: HL
0101 (30807) O'Sullivan, S.
TuTh 2:00pm-3:15pm (JMZ 2117)

HONR268B Honors Seminar: How the West was Won and Lost: The Legacy of Conquest on the American Frontier; (3) REG. CORE: SH
0101 (30817) McNeilly, D.
MWF 11:00am-11:50am (ANA 0103)

HONR268E Honors Seminar: Gods, Demons and Mythology in the Ancient Near-East and Egypt; (3) REG. CORE: HO
0101 (30827) Cohen, M.
W 2:00pm-4:30pm (ANA 0120)

HONR268J Honors Seminar: Religion and Progress: Islamic Science, Politics, and Economics; (3) REG. CORE: HO DIVERSITY
0101 (30837) Ahmad, I.
W 6:00pm-8:30pm (ANA 0100)

HONR268N Honors Seminar: First Amendment on the Line: Religion and the Public Schools; (3) REG. CORE: SH
0101 (30847) Turnham, T.
M 6:00pm-8:30pm (ANA 0103)

HONR268P Honors Seminar: Drugs and American Society; (3) REG. CORE: SB Course will meet at CESAR Office, 4321 Hartwick Road.
0101 (30857) Wish, E.
W 2:00pm-4:30pm (Arranged)

HONR268Q Honors Seminar: Science as Literature; (3) REG. CORE: HL
0101 (30867) Fahnestock, J.
MW 12:30pm-1:45pm (ZOP 1238)

HONR268R Honors Seminar: The Cultural Significance of Astronomy; (3) REG. CORE: HO
0101 (30877) Theison, D.
MW 12:30pm-1:45pm (CSS 2416)

HONR268W Honors Seminar: Retelling the Tale; (3) REG. CORE: HL
0101 (30887) Solari, R.
TuTh 2:00pm-3:15pm (JMZ 1104)

HONR268Z Honors Seminar: Faces in the Mirror: The Culture of the Mask; (3) REG. CORE: HO
0101 (30897) Pleydell, S.
TuTh 9:30am-10:45am (ANA 0100)

HONR269R Honors Seminar: Putting One's Body on the Line: Performance Art; (3) REG. CORE: HA DIVERSITY
0101 (30907) Smith, J.
TuTh 6:00pm-7:15pm (TWS 0138)

HONR278B Honors Seminar: Policy Conundrums in Science and Medicine; (3) REG.
0101 (30917) Milman, G.
W 7:00pm-9:30pm (PLS 1158)

HONR278D Honors Seminar: Women and Religion; (3) REG. CORE: HO DIVERSITY
0101 (30927) Brown, E.
TuTh 9:30am-10:45am (ANA 0103)

HONR278E Honors Seminar: Our Environment and Science; (3) REG.
0101 (30937) McIntosh, M.
TuTh 11:00am-12:15pm (SYM 0115)

HONR278P Honors Seminar: Case Studies in Biology and Culture; (3) REG. CORE: LS DIVERSITY
0101 (30947) Yuan, R.
TuTh 3:00pm-4:45pm (PLS 1117)

HONR278R Honors Seminar: Jews in the City; (3) REG.
0101 (51789) Cooperman, B.
MWF 10:00am-10:50am (PLS 1119)

HONR278W Honors Seminar: Mind and Brain: At the Interface of Neural Systems and Cognition; (3) REG. CORE: SB
0101 (30957) Moss, C.
M 2:00pm-4:30pm (PLS 1162)

HONR279T Honors Seminar: The Artist as Hero: Forging a New Artistic Identity in 18th Century England; (3) REG. CORE: HA
0101 (30967) Pressly, W.
TuTh 11:00am-12:15pm (ANA 0120)

HONR279U Honors Seminar: Introduction to Classical Indian Literature: Epic, Drama, and Short Story; (3) REG. CORE: HL DIVERSITY
0101 (30977) Hebbar, B.
TuTh 2:00pm-3:15pm (ASY 3203)

HONR279V Honors Seminar: Imagining God: Theological Exploration in Modern Writing; (3) REG. CORE: HO
0101 (30987) Staudt, K.
TuTh 11:00am-12:15pm (ANA 0103)

HONR279W Honors Seminar: The Solar System; (3) REG. CORE: PS HONR 279W is similar in content to GEOL 212. Credit will be granted for only one of the following: HONR 279W or GEOL 212.
0101 (30997) Walker, R.
TuTh 11:00am-12:15pm (PLS 1168)

HONR279X Honors Seminar: Supercomputer or Window on the Soul?: Concepts of the Brain; (3) REG. CORE: HO
0101 (31007) Shamma, S.
M 12:00pm-2:30pm (HBK 0123)

HONR279Y Honors Seminar: The Queen of the Sciences Gets Her Hands Dirty: Mathematics and the Real World; (3) REG. CORE: MS
0101 (31017) Iozzi, A.
MWF 12:00pm-12:50pm (PHY 4220)

HONR279Z Honors Seminar: Variations on the Odyssey; (3) REG. CORE: HL
0101 (31027) Doherty, L.
MW 3:30pm-4:45pm (KEY 0121)

HONR288A Honors Seminar: Black Women and the Public Eye; (3) REG. CORE: HO DIVERSITY
0101 (31037) Bolles, A.
MW 11:00am-12:15pm (ANA 0100)

HONR288B Honors Seminar: Norms and Values in the Human Sciences; (3) REG. CORE: HO
0101 (31047) Greenspan, P.
MW 2:00pm-3:15pm (SKN 1116)

HONR288C Honors Seminar: Faith and Doubt in English Literature; (3) REG. CORE: HL
0101 (31057) Peterson, W.
MW 2:00pm-3:15pm (SQH 1101)

HONR288D Honors Seminar: Evil: East and West; (3) REG. CORE: HO
0101 (31067) Alford, C.
TuTh 12:30pm-1:45pm (ANA 0103)

HONR288E Honors Seminar: Introduction to African-American Literature; (3) REG. CORE: HL DIVERSITY
0101 (31077) Hammond, E.
MWF 10:00am-10:50am (KEY 0116)

HONR288F Honors Seminar: English Literature Beginnings to 1800; (3) REG. CORE: HL
0101 (31087) Hamilton, G.
MWF 11:00am-11:50am (SQH 1119)

HONR288G Honors Seminar: Democracy, Intervention, and Culture in the Americas; (3) REG. CORE: HO
0101 (31097) Bouvier, V.
TuTh 12:30pm-1:45pm (JMZ 1103)

HONR288I Honors Seminar: L'Enfant and Later: Washington City as a Work of Art; (3) REG. CORE: HA
0101 (31107) Lewis, D.
Tu 6:00pm-8:30pm (ARC 1127)

HONR288J Honors Seminar: Aristocracy, Plebians, and the Bourgeoisie in Britain c. 1700 to Present; (3) REG. CORE: SH
0101 (31117) Price, R.
MW 10:00am-11:15am (ARM 0116)

HONR288K Honors Seminar: Let's Talk About Race: The Social Construction of Racial and Ethnic Minorities in the United States; (3) REG. CORE: SB DIVERSITY
0101 (31127) Dance, L.
TuTh 12:30pm-1:45pm (ASY 3219)

HONR288L Honors Seminar: Medical Devices: Applied Ethics and Public Policy; (3) REG. CORE: HO
0101 (31128) Rahmoeller, G.
Tu 2:00pm-4:30pm (ANA 0103)

HONR288M Honors Seminar: Introduction to Philosophy; (3) REG. CORE: HO
0101 (31129) Rey, G.
W 12:00pm-2:50pm (ARM 0116)

HONR288N Honors Seminar: Cultural Differences in Three Dimensional Objects; (3) REG.
0101 (31210) Sham, F.
TuTh 3:30pm-5:00pm (ASY 1311)

HONR288O Honors Seminar: Brain Imaging of Language and Thinking; (3) REG. CORE: LS
0101 (31130) Haarmann, H.
M 3:30pm-6:00pm (LEF 1222)

HONR288P Honors Seminar: Computing: Separating Hope from Hype; (3) REG. CORE: HO
0101 (31131) Pfleeger, S.
Tu 2:00pm-4:30pm (MTH 0401)

HONR328P Advanced Honors Seminar: The Biophysical Aspects of Wellness; (3) REG. Course does not satisfy CORE Advanced Studies requirement for students in the College of Health and Human Performance.
0101 (31137) Farmer, C.
Tu 3:00pm-5:30pm (HHP 0307)

HONR348I Advanced Honors Seminar: Readings in Italian Literature; (3) REG.
0101 (31138) Russell, C.
MWF 1:00pm-1:50pm (JMZ 3205)

HONR348J Advanced Honors Seminar: Contemporary Social Issues; (3) REG.
0101 (31147) Smead, E.
M 10:00am-12:30pm (ANA 0120)

HONR359A Honors Workshop: Writing Workshop; (3) S-F.
0101 (31167) Retallack, J.
Th 5:30pm-8:30pm (ANA 0100)

HONR359B Honors Workshop: Alternatives to Violence; (3) S-F.
0101 (31177) McCarthy, C.
M 12:30pm-3:00pm (ANA 0120)

HONR378D Advanced Honors Seminar: Reading and Writing About Grief and Loss; (3) REG.
0101 (31187) Paterson, J.
Tu 12:30pm-3:00pm (ANA 0100)

HONR378W Advanced Honors Seminar: Analysis of Social and Ethical Problems: The McDonaldization of Society; (3) REG.
0101 (31188) Ritzer, G.
MW 2:00pm-3:15pm (JMZ 0118)

HONR379 *(PermReq)* **Honors Independent Study; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Available only to University honors students.

HORT Horticulture & Landscape Architecture
(Agriculture and Natural Resources)

HORT161 *(PermReq)* **Design Fundamentals; (3)** REG/P-F/AUD. *Prerequisite: permission of department. For HORT majors only.*
0101 (51658) Nola, D.
MW 2:00pm-2:50pm (PLS 1142)
MW 3:00pm-4:50pm (PLS 1142) Lab

HORT200 Land Surveying; (2) REG/P-F/AUD. *For HORT majors only.*
0101 (31292) Nola, D.
Th 2:00pm-4:50pm (JUL 1105) Lab

HORT201 Environmental Factors and Horticultural Crop Production; (4) REG/P-F/AUD. *Prerequisite: HORT 100. Recommended: BIOL 105.*
0101 (31303) Deitzer, G.
TuTh 8:00am-9:15am (PLS 1117)
Tu 1:00pm-2:30pm (PLS 1153) Lab
Tu 2:40pm-3:50pm (HAR 1105) Lab
0102 (31304) Deitzer, G.
TuTh 8:00am-9:15am (PLS 1117)
M 1:00pm-2:30pm (PLS 1153) Lab
M 2:40pm-3:50pm (HAR 1105) Lab

HORT253 Woody Plant Material I; (3) REG/P-F/AUD. *Prerequisite: PBIO 250 or HORT 100. Formerly HORT 453.*
0101 (31314) Mityga, H.
MF 1:00pm-1:50pm (PLS 1140)
F 2:00pm-4:50pm (PLS 1153) Lab
0102 (31315) Mityga, H.
MF 1:00pm-1:50pm (PLS 1140)
F 2:00pm-4:50pm (PLS 1146) Lab

HORT274 Plants, Genes, and Biodiversity; (3) REG/P-F/AUD. *Prerequisite: BIOL 105. Credit will be granted for only one of the following: ZOOL 213, ANSC 201, BOTN 414, HORT 274.*
0101 (31316) Costa, J.
TuTh 8:00am-9:20am (PLS 1111)

HORT320 Principles of Site Engineering; (3) REG/P-F/AUD. *Prerequisites: LARC 140 or HORT 255 and HORT 200. For HORT majors only. Also offered as LARC 320. Formerly HORT 364.*
0101 (31325) Sullivan, J.
MW 9:00am-10:50am (PLS 1130)
MW 11:00am-11:50am (Arranged) Lab

HORT389 Horticultural Internship; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HORT398 Seminar; (1) REG/P-F/AUD.
0101 (31337) Glenn, D.
M 4:00pm-5:30pm (PLS 1117)

HORT399 *(PermReq)* **Special Problems in Horticulture; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HORT452 Principles of Landscape Establishment and Maintenance; (3) REG/P-F/AUD. *Prerequisites: HORT 202; and HORT 253; and HORT 254. For HORT majors only.*
0101 (31372) Gouin, F.
MW 12:00pm-12:50pm (PLS 1146)
W 1:00pm-4:50pm (PLS 1146) Lab

HORT489 Special Topics in Horticulture: Introduction to Plant Pathology; (4) REG/P-F/AUD.
0101 (31382) Steiner, P.
TuTh 8:00am-9:15am (PLS 1119)
W 1:00pm-3:50pm (PLS 1153) Lab
0102 (31383) Steiner, P.
TuTh 8:00am-9:15am (PLS 1119)
Th 1:00pm-3:50pm (PLS 1153) Lab

CORE Codes ... LS - Mathematics and the Sciences, Life Sciences (Non-Lab) **LL** - Mathematics and the Sciences, Life Sciences (Lab)
MS - Mathematics and the Sciences, Math or Formal Reasoning (Non-Lab) **ML** - Mathematics and the Sciences, Math or Formal Reasoning (Lab)
SB - Social Sciences, Behavioral and Social Science **SH** - Social Sciences, Social or Political History

HORT489A Special Topics in Horticulture: Herbaceous Perennials; (3) REG/P-F/AUD.
0101 **(31394)** Balgc, R.
F 9:00am-11:50am (PLS 1146)

HORT489B Special Topics in Horticulture: Woody Plant Physiology; (3) REG/P-F/AUD.
0101 **(31404)** Coleman, G.
TuTh 9:30am-11:00am (PLS 1146)

HORT682 Methods of Horticultural Research; (4) REG/AUD.
0101 **(31405)** Solomos, T.
MW 11:00am-11:50am (PLS 1172)
M 3:00pm-7:00pm (PLS 1153) Lab

HORT689 Special Topics in Horticulture: Woody Plant Physiology; (3) REG/AUD.
0101 **(51703)** Coleman, G.
TuTh 9:30am-11:00am (PLS 1146)

HORT699 *(PermReq)* **Special Problems in Horticulture; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HORT782 Chemical Regulation of Growth of Horticultural Plants; (3) REG/AUD. *Prerequisite: PBIO 420.*
0101 **(31429)** Quebedeaux, B.
TuTh 11:00am-12:15pm (PLS 1162)

HORT798 Advanced Seminar; (1) S-F/AUD.
0101 **(31439)** STAFF
MW 12:00pm-1:00pm (PLS 1130)

HORT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

HORT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ITAL Italian (Arts and Humanities)

A booklet fully describing the courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

ITAL101 Elementary Italian I; (4) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.*
0101 **(31525)** Amodeo, S.
MWF 9:00am-9:50am (JMZ 2123)
Tu 9:00am-9:50am (JMZ 2120) Lab
0201 **(31526)** Fleri, M.
MWF 10:00am-10:50am (EGR 3102)
Tu 10:00am-10:50am (JMZ 2120) Lab
0301 **(31527)** Fleri, M.
MWF 11:00am-11:50am (EGR 0104)
Tu 11:00am-11:50am (JMZ 2120) Lab
0401 **(31528)** Falvo, J.
MWF 12:00pm-12:50pm (JMZ 2123)
Tu 12:00pm-12:50pm (JMZ 2120) Lab
0501 **(31529)** Fleri, M.
MWF 1:00pm-1:50pm (JMZ 1120)
Tu 1:00pm-1:50pm (JMZ 2120) Lab

ITAL102 Elementary Italian II; (4) REG/P-F/AUD. *Prerequisite: ITAL 101 or permission of department.*
0101 **(31539)** Amodeo, S.
MWF 10:00am-10:50am (JMZ 2122)
Th 10:00am-10:50am (JMZ 2120) Lab
0201 **(31540)** Amodeo, S.
MWF 12:00pm-12:50pm (JMZ 2122)
Th 12:00pm-12:50pm (JMZ 2120) Lab

ITAL121 Accelerated Italian I; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.*
0101 **(31550)** Amodeo, S.
MWF 1:00pm-1:50pm (JMZ 2122)

ITAL121H Accelerated Italian I; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.* For general honors students only.
0101 **(31560)** Amodeo, S.
MWF 1:00pm-1:50pm (JMZ 2122)

ITAL203 Intermediate Italian; (4) REG/P-F/AUD. CORE: HO *Prerequisite: ITAL 102 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122.*
0101 **(31570)** Russell, C.
MWF 11:00am-11:50am (JMZ 2122)
Th 11:00am-11:50am (JMZ 2120) Lab
0201 **(31571)** Fleri, M.
MWThF 2:00pm-2:50pm (JMZ 2120)

ITAL204 Review Grammar and Composition; (3) REG/P-F/AUD. CORE: HO *Prerequisite: ITAL 203 or ITAL 122, or permission of department.*
0101 **(31581)** Falvo, J.
MWF 11:00am-11:50am (JMZ 2123)

ITAL211 Intermediate Conversation; (3) REG/P-F/AUD. *Prerequisite: ITAL 203 or permission of department. Not open to native speakers.*
0101 **(31591)** Russell, C.
MWF 1:00pm-1:50pm (JMZ 2123)

ITAL311 Italian Conversation: Current Events; (3) REG/P-F/AUD. *Prerequisite: ITAL 211 or permission of department.*
0101 **(31601)** Russell, C.
MWF 10:00am-10:50am (JMZ 2123)

ITAL350 Readings in Italian Literature; (3) REG/P-F/AUD. *Prerequisite: ITAL 251 or permission of department.*
0101 **(31611)** Russell, C.
MWF 11:00am-11:50am (JMZ 1117)

ITAL350H Readings in Italian Literature; (3) REG/P-F/AUD. *Prerequisite: ITAL 251 or permission of department.* Dante's Divine Comedy. For general honors students only.
0101 **(31621)** Russell, C.
MWF 1:00pm-1:50pm (JMZ 3205)

ITAL399 *(PermReq)* **Directed Study in Italian; (1-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor.

ITAL471 Italian Cinema: A Cultural Approach (in Translation); (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 471 or ITAL 472. Formerly ITAL 475.*
0101 **(31635)** Falvo, J.
MW 2:00pm-3:40pm (PLS 1158)

ITAL472 Italian Cinema: A Cultural Approach (in Italian); (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 471 or ITAL 472.* Meets one additional hour per week. See dept. for details.
0101 **(31645)** Falvo, J.
MW 2:00pm-3:40pm (PLS 1158)

ITAL498 Special Topics in Italian Literature; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ITAL499 Special Topics in Italian Studies; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

IVSP Individual Studies Program (Undergraduate Studies)

IVSP317 *(PermReq)* **Progress Report; (1)** S-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to IVSP major.* The department representative to contact is the IVSP coordinator.

IVSP318 *(PermReq)* **Independent Learning Activities; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. For IVSP majors only. The department representative to contact is the IVSP coordinator.

IVSP420 *(PermReq)* **Senior Paper; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to IVSP major. For IVSP majors only.* The department representative to contact is the IVSP coordinator.

JAPN Japanese (Arts and Humanities)

JAPN101 Elementary Japanese I; (6) REG/P-F/AUD.
0101 **(32132)** Yotsukura, L.
TuTh 9:30am-10:45am (JMZ 0202)
MWF 11:00am-11:50am (JMZ 0202) Dis
0102 **(32133)** Yotsukura, L.
TuTh 9:30am-10:45am (JMZ 0202)
MWF 12:00pm-12:50pm (JMZ 0202) Dis
0201 **(32134)** Yotsukura, L.
TuTh 11:00am-12:15pm (JMZ 0202)
MWF 11:00am-11:50am (JMZ 0120) Dis
0202 **(32135)** Yotsukura, L.
TuTh 11:00am-12:15pm (JMZ 0202)
MWF 12:00pm-12:50pm (JMZ 1117) Dis
0301 **(32136)** Anzai, S.
MWF 9:00am-10:50am (JMZ 2120)
0401 **(32137)** Anzai, S.
MWF 11:00am-12:50pm (JMZ 2120)

JAPN104 Introductory Japanese I; (3) REG/P-F/AUD. JAPN 104 and JAPN 105 is the equivalent of JAPN 101.
0101 **(32138)** Kawai, M.
MWF 2:00pm-2:50pm (JMZ 2102)
Tu 2:00pm-2:50pm (JMZ 2120) Dis

JAPN201 Intermediate Japanese I; (6) REG/P-F/AUD. *Prerequisite: JAPN 102 or equivalent. Formerly JAPN 205.*
0101 **(32147)** Yaginuma, K.
MWF 9:00am-10:50am (JMZ 1117)
0201 **(32148)** Sano, T.
MWF 9:00am-10:50am (JMZ 1120)
0301 **(32149)** Sano, T.
MWF 11:00am-12:50pm (HBK 0125)

JAPN301 Advanced Japanese I; (6) REG/P-F/AUD. *Prerequisite: JAPN 202 or equivalent. Formerly JAPN 305.*
0101 **(32159)** Miura, E.
MWF 9:00am-10:50am (JMZ 1103)
0201 **(32160)** Yaginuma, K.
MWF 11:00am-12:50pm (GEO 1120)
0301 **(32161)** Miura, E.
MWF 11:00am-12:50pm (JMZ 1103)

JAPN317 Buddhism and Japanese Literature in Translation; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: JAPN 217 or JAPN 317.*
0101 **(32171)** Kerkham, H.
TuTh 9:30am-10:45am (JMZ 2122)

JAPN401 Readings in Modern Japanese I; (3) REG/P-F/AUD. *Prerequisite: JAPN 302 or equivalent.*
0101 **(32181)** Kerkham, H.
TuTh 12:30pm-1:45pm (JMZ 3118)

JAPN403 Business Japanese I; (3) REG/P-F/AUD. *Prerequisite: JAPN 302 or equivalent. Formerly JAPN 303.*
0101 **(32191)** Yamakita, E.
MWF 10:00am-10:50am (JMZ 1215)

JAPN406 *(PermReq)* **Translating Diplomatic Japanese; (3)** REG/P-F/AUD. *Prerequisite: JAPN 306 and permission of department.*
0101 **(32211)** Kerkham, H.
Tu 2:00pm-4:30pm (JMZ 1109)

JAPN499 Directed Study in Japanese; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR Journalism (Journalism)

JOUR100 Introduction to Mass Communication; (3) REG/P-F/AUD. CORE: SB
0101 **(32275)** Levy, M.
TuTh 3:30pm-4:45pm (JRN 1105)

JOUR101 Professional Orientation; (1) REG. Required for JOUR majors but open to campus enrollment. Class meets 15 sessions (1/2 semester). Check schedule on first day of class for exact dates and times.
0101 **(32285)** Stewart, G.
MW 2:00pm-2:50pm (JMZ 0220)

JOUR101+ Professional Orientation; (1) REG/P-F/AUD. Restricted to students in a First Year Focus Cluster.
0101 **(32286)** Stewart, G.
MW 2:00pm-2:50pm (JMZ 0220)

JOUR101H Professional Orientation; (1) REG/P-F/AUD. Limited to students in General Honors Program.
0101 **(32295)** Stewart, G.
MW 2:00pm-2:50pm (JMZ 0220)
F 2:00pm-2:50pm (JRN 1104) Dis

JOUR198 *(PermReq)* **Survey Apprenticeship; (1)** S-F. Students must meet with Dr. Stewart in JRN 1118 to receive permission to register. No requests to register after the Schedule Adjustment Period will be honored. For JOUR majors only.
0101 **(32305)** Stewart, G.
Time and room to be arranged Lab

JOUR201 *(PermReq)* **Writing For Mass Media; (3)** REG. *Pre- or corequisite: JOUR 101. Prerequisite: 30 words per minute wordprocessing ability; and grammar competency demonstrated by a score of 52 or higher on the TSWE.* Must have at least 28 credits earned. A 5-minute word processing (Word Perfect) test is given each Friday during preregistration. A 30-word per minute proficiency is required to register. Students must also demonstrate grammar skills competency prior to receiving permission to register. For more information stop by 1117 JRN or call 405-2399. A proficiency test of JOUR 201 credit taken at another institution may be given. See Meg Brewer in JRN 1117 to arrange sitting for this exam prior to the first day of classes. JOUR 201 is also offered during the summer. Check the Summer Schedule of Classes for details.
0101 **(32315)** Gibson, J.
M 12:00pm-2:00pm (JRN 3111)
W 12:00pm-2:00pm (JRN 3111) Lab
0201 **(32316)** Gibson, J.
M 4:00pm-6:00pm (JRN 3111)
W 4:00pm-6:00pm (JRN 3111) Lab
0301 **(32317)** STAFF
Tu 12:00pm-2:00pm (JRN 3103)
Th 12:00pm-2:00pm (JRN 3103) Lab
0401 **(32318)** STAFF
Tu 8:00am-10:00am (JRN 3103)
Th 8:00am-10:00am (JRN 3103) Lab
0501 **(32319)** O'Hare, R.
Tu 2:00pm-4:00pm (JRN 3111)
Th 2:00pm-4:00pm (JRN 3111) Lab
0601 **(32320)** STAFF
Tu 8:00am-10:00am (JRN 3102)
Th 8:00am-10:00am (JRN 3102) Lab
0701 **(32321)** STAFF
Tu 8:00am-10:00am (JRN 3111)
Th 8:00am-10:00am (JRN 3111) Lab

JOUR202 Editing For the Mass Media; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* JOUR 202 is also offered during the summer. Check the Summer Schedule of Classes for details.
0101 **(32331)** O'Malley, S.
M 8:00am-10:00am (JRN 3102)
W 8:00am-10:00am (JRN 3102) Lab
0201 **(32332)** Kebbel, G.
M 10:00am-12:00pm (JRN 3111)
W 10:00am-12:00pm (JRN 3111) Lab
0301 **(32333)** Goldman, J.
Tu 6:00pm-8:00pm (JRN 3103)
Th 6:00pm-8:00pm (JRN 3103) Lab
0401 **(32334)** STAFF
Tu 4:00pm-6:00pm (JRN 3111)
Th 4:00pm-6:00pm (JRN 3111) Lab

JOUR320 News Reporting; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* Due to rigorous publication requirement, plan your schedule accordingly.
0101 **(32344)** STAFF
M 7:00pm-9:00pm (JRN 3111)
W 7:00pm-9:00pm (JRN 3111) Lab
0201 **(32345)** Lightman, D.
M 8:00am-10:00am (JRN 3103)
W 8:00am-10:00am (JRN 3103) Lab

JOUR323 Newspaper Editing; (3) REG/AUD. *Prerequisite: grade of C or better in JOUR 202.* Majors only.
0101 **(32355)** Stepp, C.
M 2:00pm-4:00pm (JRN 1116)
Time and room to be arranged Lab

JOUR325 *(PermReq)* **Reporting from Annapolis and Washington; (6)** REG/P-F/AUD. *Prerequisite: permission of department. Corequisite: JOUR 462.* Section 0101 meets in the National Press Building, Washington, DC. Section 0201 meets in the CNS Bureau, Annapolis, MD.
0101 **(32365)** Crane, S.
Time and room to be arranged
0201 **(32366)** Harvey, C.
Time and room to be arranged

JOUR326 *(PermReq)* **Supervised Internship - News Editorial; (3)** REG/P-F/AUD. *Prerequisites: a grade of "C" or better in JOUR 201, JOUR 202 and JOUR 320 and permission of department. For JOUR majors only.* Students who haven't identified an internship opportunity may register for the hold file. Dr. Stewart will then forward opportunities he receives for your review. However, identifying and securing the internship is the responsibility of the student. Being on the hold file does not constitute course registration. Students must pick up an internship agreement form in JRN 1117, have the internship supervisor fill it out, and meet with Dr. Stewart to receive permission to register. No requests to register after the Schedule Adjustment Period will be honored. There are three mandatory sessions: The first session is either 9/14, 9/15 or 9/16 at 12:15pm; the second session is Tuesday evening, 10/20 from 7-9pm; and the final session is either 12/7, 12/8 or 12/9 at 12:15pm, all in the Journalism Building, room 1116.
0101 **(32376)** Stewart, G.
Tu 7:00pm-9:00pm (JRN 1116)

JOUR328 *(PermReq)* **Specialized News Reporting; (3)** REG/P-F/AUD.
0101 **(32386)** Loeb, P.
MW 7:00pm-10:00pm (EGR 3140)

JOUR330 Public Relations Theory; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* Open to 0602F and 0601F majors and BMGT 0515A (PRL) and BMGT 0509O (MKT) only.
0101 **(32406)** Hagan, L.
TuTh 9:30am-10:45am (JRN 1105)

JOUR331 *(PermReq)* **Public Relations Techniques; (3)** REG/P-F/AUD. *Prerequisites: JOUR 330; and grade of C or better in JOUR 202.* Majors only.
0101 **(32416)** Hagan, L.
Tu 12:00pm-2:00pm (JRN 3111)
Th 12:00pm-2:00pm (JRN 3111) Lab
0201 **(32417)** Schiraldi, G.
M 8:00am-10:00am (JRN 3111)
W 8:00am-10:00am (JRN 3111) Lab

JOUR332 Specialized Writing in Public Relations; (3) REG/P-F/AUD. *Prerequisites: JOUR 331; and grade of C or better in JOUR 201.*
0101 **(32427)** STAFF
M 2:00pm-4:00pm (JRN 3111)
W 2:00pm-4:00pm (JRN 3111) Lab

JOUR336 *(PermReq)* **Supervised Internship - Public Relations; (3)** REG/P-F/AUD. *Prerequisites: a grade of "C" or better in JOUR 201, JOUR 202, JOUR 330, and JOUR 331 and permission of department. For JOUR majors only.* Students who haven't identified an internship opportunity may register for the hold file. Dr. Stewart will then forward opportunities he receives for your review. However, identifying and securing the internship is the responsibility of the student. Being on the hold file does not constitute course registration. Students must pick up an internship agreement form in JRN 1117, have the internship supervisor fill it out, and meet with Dr. Stewart to receive permission to register. No requests to register after the Schedule Adjustment Period will be honored. There are three mandatory sessions: The first session is either 9/14, 15 or 16 at 12:15pm, the second session is Wed. 10/21 from 7-9pm, and the final session is either 12/7, 8 or 9 at 12:15pm, all in the Journalism Building, room 1116.
0101 **(32437)** Stewart, G.
W 7:00pm-9:00pm (JRN 1116)

JOUR340 Advertising in America; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. Sophomore standing. For JOUR majors only.*
0101 **(32447)** Zanot, E.
TuTh 2:00pm-3:15pm (JRN 1105)

JOUR341 Persuasion in Advertising; (3) REG/P-F/AUD. *Prerequisites: JOUR 340; and grade of C or better in JOUR 201 and JOUR 202.* Course is also scheduled to be offered during the summer. Check the summer Schedule of Classes for details.
0101 **(32457)** Zanot, E.
Tu 10:00am-12:00pm (JRN 3111)
Th 10:00am-12:00pm (JRN 3111) Lab

JOUR342 Advertising Media Planning; (3) REG/P-F/AUD. *Prerequisite: JOUR 340.* Section may be rescheduled resulting from instructor availability. Contact the Journalism Office for more information.
0101 **(32467)** Schiraldi, G.
Th 5:00pm-8:00pm (KEY 0119)

JOUR346 *(PermReq)* **Supervised Internship - Advertising; (3)** REG/P-F/AUD. *Prerequisites: a grade of C or better in JOUR 201, JOUR 202, JOUR 340, and either JOUR 341 or JOUR 342, and permission of department. For JOUR majors only.* Students who have not identified an internship opportunity may register on the hold file. Dr. Stewart will then forward opportunities he receives for your review. However, identifying and securing the internship is the responsibility of the student. Being on the hold file does not constitute course registration. Students must pick up an internship agreement form in JRN 1118, have the internship supervisor fill it out, and meet with Dr. Stewart to receive permission to register. No requests to register after the Schedule Adjustment Period will be honored. There are three mandatory sessions: The first session is either 9/14, 15 or 16 at 12:15pm; the second session is Monday, 10/19 from 7-9pm, and the final session is either 12/7, 8 or 9 at 12:15pm, all in the Journalism Building, room 1116.
0101 **(32477)** Stewart, G.
M 7:00pm-9:00pm (JRN 1116) Lab

JOUR360 *(PermReq)* **Broadcast News I; (3)** REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* Additional hours per week required at WMUC, so plan your schedule accordingly.
0101 **(32487)** Holman, B.
W 11:00am-12:15pm (JRN 1105)
Tu 10:00am-12:00pm (JRN 3103) Lab
0102 **(32488)** Holman, B.
W 11:00am-12:15pm (JRN 1105)
Th 10:00am-12:00pm (JRN 3103) Lab

JOUR361 Broadcast News II; (3) REG/P-F/AUD. *Prerequisite: JOUR 360.*
0101 **(32498)** Thornton, L.
M 4:00pm-5:30pm (JRN 1105)
M 10:00am-4:00pm (JRN 3120) Lab
0102 **(32499)** Thornton, L.
M 4:00pm-5:30pm (JRN 1105)
Tu 10:00am-4:00pm (JRN 3120) Lab
0103 **(32500)** Thornton, L.
M 4:00pm-5:30pm (JRN 1105)
W 10:00am-4:00pm (JRN 3120) Lab

JOUR362 Broadcast News Management; (3) REG/P-F/AUD. *Prerequisite: JOUR 360.* Contact Chet Rhodes in 3114 JRN for details about enrolling in this course.
0101 **(32510)** Pascual, P.
TBA (JRN 3120)
TBA (JRN 3120) Lab
0201 **(32511)** STAFF
TBA (JRN 3120)
TBA (JRN 3120) Lab

JOUR365 Theory of Broadcast Journalism; (3) REG/P-F/AUD. Offered fall only. Limited to students with major codes of 0601B, 0602B and 0601O.
0101 **(32521)** Barkin, S.
TuTh 9:30am-10:45am (JRN 1104)

JOUR366 Supervised Internship - Broadcast News; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in JOUR 201, JOUR 202, and JOUR 360 and permission of department. Recommended: JOUR 361 for television internship. For JOUR majors only.* Students who have not identified an internship opportunity may register on the hold file. Dr. Stewart will then forward opportunities he receives for your review. However, identifying and securing an internship is the responsibility of the student. Being on the hold file does not constitute course registration. Students must pick up an internship agreement form in JRN 1118, have the internship supervisor fill it out, and meet with Dr. Stewart to receive permission to register. No requests to register after the Schedule Adjustment Period will be honored. There are three mandatory sessions: the first is either 9/14, 15 or 16 at 12:15pm, the second is Tuesday 10/20 from 7-9pm, and the final session is either 12/7, 8 or 9 at 12:15pm, all in the Journalism Building, room 1116.
0101 **(32531)** Stewart, G.
Tu 7:00pm-9:00pm (JRN 1116)

JOUR371 Magazine Article and Feature Writing; (3) REG/P-F/AUD. *Prerequisite: JOUR 320.* Majors only.
0101 **(32541)** Paterson, J.
W 2:00pm-5:00pm (JRN 3103)

JOUR373 Graphics; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 202.* Due to JOUR 373 being a required course for JOUR 0601C and 0601D majors, all other JOUR majors may register on the hold file for available seats.
0101 **(32551)** STAFF
Tu 6:00pm-8:00pm (JRN 3102)
Th 6:00pm-8:00pm (JRN 3102) Lab

JOUR374 Magazine Editing and Production; (3) REG/P-F/AUD. *Prerequisites: JOUR 371; and JOUR 373.* JOUR 374 will count toward news and magazine majors' 321/323 requirement. The focus is on magazine editing with some production emphasis.
0101 **(32561)** Rieder, J.
Tu 6:00pm-9:00pm (JRN 3111)

JOUR398 *(PermReq)* Independent Study; (1-3) REG. Individual Instruction course: contact department or instructor to obtain section number.

JOUR400 Law of Mass Communication; (3) REG/P-F/AUD. *Junior standing.* Restricted to students having earned at least 53 credits. JOUR 400 is also offered during the summer. For more information consult the summer Schedule of Classes.
0101 **(32594)** Rush, T.
W 4:15pm-7:00pm (JMZ 0220)
Undergraduate students must register for section 0101.

0201 **(32595)** Brinkman, R.
Th 7:00pm-9:45pm (JRN 1116)
Graduate and Advanced Special Students must register for section 0201.

JOUR410 History of Mass Communication; (3) REG/P-F/AUD. *Junior standing.*
0101 **(32605)** Beasley, M.
TuTh 11:00am-12:15pm (JRN 1104)

JOUR420 Government and Mass Communication; (3) REG/P-F/AUD. *Junior standing.*
0101 **(32615)** Ferguson, M.
TuTh 2:00pm-3:15pm (JRN 1104)

JOUR450 Mass Media in Society; (3) REG/P-F/AUD. *Junior standing.*
0101 **(32625)** Hiebert, R.
MW 9:30am-10:45am (JRN 1105)

JOUR452 Women in the Media; (3) REG/P-F/AUD. DIVERSITY *Junior standing. Also offered as WMST 452. Credit will be granted for only one of the following: JOUR 452 or WMST 452.*
0101 **(32635)** Robertson, N.
TuTh 9:30am-10:45am (JRN 1116)

JOUR453 News Coverage of Racial Issues; (3) REG/P-F/AUD. DIVERSITY *Junior standing.*
0101 **(32636)** Roberts, E.
TuTh 11:00am-12:15pm (JRN 1116)

JOUR459C Special Topics in Mass Communication: Journalism and Technology; (3) REG/P-F/AUD.
0101 **(32645)** Newhagen, J.
M 2:00pm-5:00pm (JRN 3102)

JOUR459E *(PermReq)* Special Topics in Mass Communication: Environmental Changes Reporting; (1) REG/P-F/AUD.
0101 **(32655)** STAFF
Meets 08/31/98-10/02/98
MW 5:00pm-6:30pm (JRN 1104)

JOUR459I *(PermReq)* Special Topics in Mass Communication: Business Reporting; (1) REG/P-F/AUD.
0101 **(32665)** STAFF
Meets 10/05/98-11/07/98
MW 5:00pm-6:30pm (JRN 1104)

JOUR459J *(PermReq)* Special Topics in Mass Communication: Children and Families; (1) REG/P-F/AUD.
0101 **(32675)** STAFF
Meets 11/09/98-12/11/98
MW 5:00pm-6:30pm (JRN 1104)

JOUR459K *(PermReq)* Special Topics in Mass Communication: Ethics; (1) REG/P-F/AUD.
0101 **(32685)** STAFF
Meets 08/31/98-10/02/98
TuTh 8:00am-9:30am (JRN 1116)

JOUR459M *(PermReq)* Special Topics in Mass Communication: Science Reporting; (1) REG/P-F/AUD.
0101 **(32686)** STAFF
Meets 11/09/98-12/11/98
MW 7:00pm-9:00pm (JRN 1104)

JOUR459N *(PermReq)* Special Topics in Mass Communication: Interviewing; (1) REG/P-F/AUD.
0101 **(32695)** STAFF
Meets 10/05/98-11/07/98
TuTh 8:00am-9:30am (JRN 1116)

JOUR459O *(PermReq)* Special Topics in Mass Communication: Online Reporting; (1) REG/P-F/AUD.
0101 **(32705)** STAFF
Meets 11/09/98-12/11/98
TuTh 8:00am-9:30am (JRN 1116)

JOUR459Q *(PermReq)* Special Topics in Mass Communication: Investigative Reporting; (1) REG/P-F/AUD.
0101 **(32715)** STAFF
Meets 08/31/98-10/02/98
MW 7:00pm-9:00pm (JRN 1104)

JOUR459U Special Topics in Mass Communication: Media Economics; (3) REG/P-F/AUD.
0101 **(32725)** Gomery, D.
MW 3:30pm-4:45pm (JRN 1104)

JOUR459Y *(PermReq)* Special Topics in Mass Communication: Advanced Interviewing; (1) REG/P-F/AUD.
0101 **(32735)** STAFF
Meets 10/05/98-11/07/98
MW 7:00pm-9:00pm (JRN 1104)

JOUR462 *(PermReq)* Professional Seminar in Public Affairs Reporting; (3) REG/P-F/AUD. *Prerequisite: permission of department.* Contact Dean Callahan in 2102 for more information. Students must be coenrolled in JOUR 325.
0101 **(32745)** STAFF
M 9:00am-12:00pm (JRN 1116)

JOUR477 Mass Communication Research; (3) REG/P-F/AUD. *Prerequisite: MATH 110 or equivalent; students are encouraged to have completed the theory and technique courses in their major sequence.* Restricted to students having earned at least 53 credits.
0101 **(32755)** STAFF
MW 2:00pm-3:15pm (JRN 1105)
0201 **(32756)** Rogers, C.
TuTh 11:00am-12:15pm (JRN 1105)

JOUR481 Writing the Complex Story; (3) REG/P-F/AUD. *Pre- or corequisite: JOUR 371.* Junior standing.
0101 **(32766)** Roberts, E.
TuTh 2:00pm-3:15pm (JRN 1116)

JOUR483 *(PermReq)* Senior Seminar in Public Relations; (3) REG/P-F/AUD. *Prerequisite: JOUR 331; and JOUR 477.*
0101 **(32776)** Rogers, C.
TuTh 3:30pm-4:45pm (JRN 1104)

JOUR484 *(PermReq)* Advertising Campaigns; (3) REG/P-F/AUD. *Prerequisite: JOUR 341; and JOUR 342.* All sessions meet in JRN 1116 except for 10/21 which meets in 1104 JRN.
0101 **(32786)** McElhaney, J.
W 7:00pm-10:00pm (JRN 1102)

JOUR486 *(PermReq)* Advanced Television Journalism; (3) REG/P-F/AUD. *Prerequisite: JOUR 361 or permission of department.*
0101 **(32796)** Thornton, L.
W 2:00pm-4:00pm (JRN 1102)
Time and room to be arranged Lab

JOUR501 *(PermReq)* Fundamentals of Writing and Editing; (3) REG/AUD. *Prerequisite: permission of department.* JOUR 501 is also offered during the summer. Once the Summer Schedule of Classes is issued, review it for registration information.
0101 **(32806)** Stepp, C.
Tu 2:00pm-4:00pm (JRN 3103)
Th 2:00pm-4:00pm (JRN 3103) Lab
0201 **(32807)** STAFF
M 7:30pm-9:30pm (JRN 3103)
W 7:30pm-9:30pm (JRN 3103) Lab

JOUR530 Public Relations Theory and Techniques for Graduate Students; (3) REG. *Pre- or corequisite: JOUR 501.*
0101 **(32817)** McAdams, K.
MW 10:00am-12:00pm (JRN 3102)

JOUR600 *(PermReq)* Research Methods in Mass Communication; (3) REG/AUD. *Prerequisite: permission of department.* Public Affairs Reporting students must register for section 0201. All other graduate students must register for section 0101. JOUR 600 0101 is being offered in the summer 1998. Advanced Special Students may register on the hold file for section 0101.
0101 **(32827)** Newhagen, J.
W 3:30pm-4:45pm (JRN 1105)
W 2:00pm-3:15pm (JRN 3102) Lab
0102 **(32828)** Newhagen, J.
W 3:30pm-4:45pm (JRN 1105)
Tu 3:30pm-4:45pm (JRN 3102) Lab
0201 **(32829)** Loeb, P.
MW 7:00pm-10:00pm (EGR 3140)

JOUR601 *(PermReq)* Theories of Mass Communication; (3) REG/AUD. *Prerequisite: permission of department.* JOUR 601 is also offered during the 1998 summer session. Get a head-start on your graduate program and check out the summer Schedule of Classes. Advanced Special Students may register for the hold file.
0101 **(32839)** Levy, M.
W 9:00am-12:00pm (JRN 1116)
0201 **(32840)** Gurevitch, M.
M 4:15pm-7:00pm (JRN 1116)

JOUR620 *(PermReq)* Seminar in Public Affairs Reporting; (3) REG/AUD. *Prerequisite: JOUR 320.*
0101 **(32850)** Stepp, C.
W 9:00am-12:00pm (JRN 1102)

JOUR622 *(PermReq)* Explanatory Writing; (3) REG/AUD. *Prerequisite: JOUR 502 or equivalent, and permission of department.*
0101 **(32860)** Roberts, E.
TuTh 2:00pm-3:15pm (JRN 1116)

JOUR630 Seminar in Public Relations Management; (3) REG/AUD.
0101 **(32870)** Grunig, J.
M 9:30am-12:30pm (JRN 1104)

JOUR633 Global Public Relations; (3) REG.
0101 **(32880)** Grunig, J.
Tu 6:00pm-9:00pm (JRN 1104)

JOUR698 *(PermReq)* Special Problems in Communication; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR700 *(PermReq)* Introduction to Doctoral Study in Mass Communication; (3) REG/AUD. *Prerequisite: admission to Ph.D. program in mass communication.* Restricted to and required for all new doctoral matriculants.
0101 **(32911)** Ferguson, M.
Tu 9:00am-12:00pm (JRN 1102)

JOUR710 Seminar in Mass Media History; (3) REG/AUD.
0101 **(32921)** Beasley, M.
Tu 2:00pm-5:00pm (JRN 1102)

JOUR720 Seminar in Government and Mass Communication; (3) REG/AUD.
0101 **(32931)** Gurevitch, M.
W 4:15pm-7:00pm (JRN 1116)

JOUR728 Topics in Public Affairs Reporting: Problems in Reporting; (3) REG/AUD. This course is tied to the off-campus reporting bureau experience.
0101 **(32941)** STAFF
M 9:00am-12:00pm (JRN 1116)

JOUR729 Reporting from Annapolis and Washington; (6) REG/AUD. Students must be coenrolled in JOUR 728. For more information, contact Assistant Dean Callahan in JRN 2102. Section 0101 meets in the CNS Bureau, Washington, DC.; section 0201 meets in the CNS Bureau, Annapolis, MD.
0101 **(32951)** Crane, S.
Time and room to be arranged Lab
0201 **(32952)** STAFF
Time and room to be arranged Lab

JOUR730 Seminar in Comparative Mass Communication; (3) REG/AUD.
0101 **(32962)** Hiebert, R.
M 2:00pm-5:00pm (JRN 1102)

JOUR768 Topics in Broadcasting and Electronic Media: Changing Media Industries; (3) REG/AUD.
0101 **(32972)** Gomery, D.
M 6:00pm-9:00pm (JRN 1102)

JOUR798 *(PermReq)* Masters Professional Fieldwork; (2-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

JOUR888 Doctoral Practicum in Mass Communication; (3-9) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR889 Doctoral Tutorial in Mass Communication; (3-9) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR899 Doctoral Dissertation Research in Mass Communication; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

JWST Jewish Studies
(Arts and Humanities)

JWST219D Special Topics in Jewish Studies: Jews in the City; (3) REG/P-F/AUD. Also offered as HIST 219I.
0101 **(33127)** Cooperman, B.
MWF 10:00am-10:50am (PLS 1119)

JWST219F Special Topics in Jewish Studies: Introduction to Culture and Literature of the Second Temple Period; (3) REG/P-F/AUD. Also offered as HIST 219D.
0101 **(33137)** Lapin, H.
TuTh 2:00pm-3:15pm (KEY 0103)

JWST227 Reconstructing the Civilization of Ancient Mesopotamia; (3) REG/P-F/AUD. *Also offered as HIST 280. Not open to students who have completed HEBR 440. Credit will be granted for only one of the following: JWST 227 or HIST 280. Formerly HEBR 440.*
0101 **(33147)** Cohen, M.
MW 12:30pm-1:45pm (KEY 0121)

JWST234 History of the Jewish People I; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 282. Credit will be granted for only one of the following: JWST 234 or HIST 282.*
0101 **(33157)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
M 9:00am-9:50am (ARM 0118) Dis
0102 **(33158)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
M 1:00pm-1:50pm (ARM 0121) Dis
0103 **(33159)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
F 10:00am-10:50am (ARM 0121) Dis
0104 **(33160)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
F 12:00pm-12:50pm (KEY 0103) Dis
0105 **(33161)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
W 9:00am-9:50am (ARM 0118) Dis
0106 **(33162)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
M 1:00pm-1:50pm (ASY 3215) Dis
0107 **(33163)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
F 10:00am-10:50am (ASY 3211) Dis
0108 **(33164)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
F 12:00pm-12:50pm (ASY 3211) Dis

JWST234H History of the Jewish People I; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 282. Credit will be granted for only one of the following: JWST 234 or HIST 282.* For general honors students only.
0101 **(51656)** Cooperman, B.
MW 12:00pm-12:50pm (KEY 0106)
W 2:00pm-2:50pm (SKN 1112) Dis

JWST262 The Hebrew Bible: Narrative; (3) REG/P-F/AUD. CORE: HL *Not open to students who have completed HEBR 223. Formerly HEBR 223.* Also offered as ENGL 278B.
0101 **(33184)** Berlin, A.
TuTh 12:30pm-1:45pm (JRN 1104)

JWST281 Yiddish I; (3) REG/P-F/AUD. *Also offered as GERM 148Y. Not open to students who have completed GERM 148Y.*
0101 **(33194)** Isaacs, M.
TuTh 9:30am-10:45am (JMZ 1224)

JWST309 Research Seminar in Jewish Studies: Problems in Modern Jewish History; (3) REG/P-F/AUD. CORE: CS Also offered as HIST 309E.
0101 **(33204)** Rozenblit, M.
Th 3:00pm-5:00pm (KEY 0107)
Time and room to be arranged Dis

JWST345 The Holocaust of European Jewry; (3) REG/P-F/AUD. *Also offered as HIST 307. Credit will be granted for only one of the following: JWST 345 or HIST 307.*
0101 **(33214)** Rozenblit, M.
TuTh 11:00am-12:15pm (KEY 0116)

JWST419G Special Topics in Jewish Studies: Geography of the Bible; (3) REG/P-F/AUD. Also offered as GEOG 498A.
0101 **(33224)** Brodsky, H.
MWF 9:00am-9:50am (LEF 2208)

JWST452 The Golden Age of Jewish Philosophy; (3) REG/P-F/AUD. *Prerequisite: three credits in Philosophy or permission of department. Also offered as PHIL 417. Not open to students who have completed PHIL 417. Credit will be granted for only one of the following: JWST 452 or PHIL 417.*
0101 **(33234)** Manekin, C.
Tu 3:30pm-6:00pm (SKN 0104)

JWST468 Readings in the Hebrew Bible; (3) REG/P-F/AUD.
0101 **(33244)** Berlin, A.
TuTh 9:30am-10:45am (JMZ 1104)

JWST493 Jewish Women in International Perspective; (3) REG/P-F/AUD. *Prerequisite: WMST 200 or WMST 250. Also offered as WMST 493. Credit will be granted for only one of the following: JWST 492 or JWST 493 or WMST 493.*
0101 **(33264)** Beck, E.
M 3:00pm-6:30pm (PLS 1115)

JWST499 *(PermReq)* Independent Study in Jewish Studies; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

KNES Kinesiology
(Health and Human Performance)

KNES100O Physical Education Activities: Coed: Basketball (Intermediate); (2) REG/P-F.
0001 **(33324)** STAFF
MW 12:00pm-2:00pm (CRC 0135) Lab
0002 **(33325)** STAFF
TuTh 2:00pm-4:00pm (CRC 0135) Lab
0003 **(33326)** STAFF
MW 10:00am-12:00pm (CRC 0135) Lab
0004 **(33327)** STAFF
TuTh 12:00pm-2:00pm (CRC 0135) Lab

KNES100P Physical Education Activities: Coed: Basketball (Advanced); (2) REG/P-F.
0001 **(33337)** STAFF
MW 2:00pm-4:00pm (CRC 0135) Lab

KNES131V Physical Education Activities: Coed: Jogging; (2) REG/P-F.
0001 **(33347)** STAFF
MW 12:00pm-2:00pm (HHP 2240) Lab
0002 **(33348)** STAFF
TuTh 1:00pm-3:00pm (HHP 2240) Lab

KNES132N Physical Education Activities: Coed: Badminton, (Beginning); (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 8/31 - 9/4 Students are expected to attend classes beginning 8/31/98.
0001 **(33358)** STAFF
Meets 08/31/98-10/16/98
MW 1:00pm-3:00pm (HHP 2101) Lab

KNES134N Physical Education Activities: Coed: Bowling (Beginning); (2) REG/P-F. Students must pay a $35.00 facility fee. Bowling shoes required. Shoes may be rented on a day to day basis.
0001 **(33368)** STAFF
MW 2:00pm-4:00pm (SSU B0100) Lab
0002 **(33369)** STAFF
MW 10:00am-12:00pm (SSU B0100) Lab
0003 **(33370)** STAFF
TuTh 12:00pm-2:00pm (SSU B0100) Lab

KNES134O Physical Education Activities: Coed: Bowling (Intermediate); (2) REG/P-F. Students must pay a $35.00 facility fee. Bowling shoes required. Shoes may be rented on a day to day basis.
0001 **(33380)** STAFF
MW 12:00pm-2:00pm (SSU B0100) Lab
0002 **(33381)** STAFF
TuTh 2:00pm-4:00pm (SSU B0100) Lab

KNES136N Physical Education Activities: Coed: Fencing (Beginning); (1) REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/19 - 10/23. Students are expected to attend classes beginning 10/19/98.
0001 **(33391)** STAFF
Meets 10/19/98-12/11/98
MW 12:00pm-2:00pm (CRC 2113) Lab

KNES137N Physical Education Activities: Coed: Golf (Beginning); (1) REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 8/31 - 9/4. Students are expected to attend classes beginning 8/31/98. Students must pay a $25.00 facility fee.
0001 **(33401)** STAFF
Meets 08/31/98-10/16/98
MW 10:00am-12:00pm (GLF 1102) Lab
0002 **(33402)** STAFF
Meets 08/31/98-10/16/98
TuTh 8:00am-10:00am (GLF 1102) Lab
0003 **(33403)** STAFF
Meets 08/31/98-10/16/98
TuTh 10:00am-12:00pm (GLF 1102) Lab

KNES137O Physical Education Activities: Coed: Golf (Intermediate); (1) REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 8/31 - 9/4. Students are expected to attend classes beginning 8/31/98. Students must pay a $25.00 facility fee.
0001 **(33413)** STAFF
Meets 08/31/98-10/16/98
MW 1:00pm-3:00pm (GLF 1102) Lab

KNES137P Physical Education Activities: Coed: Golf (Advanced); (1) REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 8/31 - 9/4. Students are expected to attend classes beginning 8/31/98. Students must pay a $25.00 facility fee.
0001 **(33423)** STAFF
Meets 08/31/98-10/16/98
MW 8:00am-10:00am (GLF 1102) Lab

KNES140V Physical Education Activities: Coed: Gymnastics, Tumbling and Balancing (Beginning); (2) REG/P-F.
0001 **(33433)** STAFF
TuTh 1:00pm-3:00pm (HHP 1120) Lab

KNES144Q Physical Education Activities: Coed: Martial Arts, Karate (Beginning); (2) REG/P-F.
(0001 **(33443)** STAFF
MW 12:00pm-2:00pm (HHP 0107) Lab
(0002 **(33444)** STAFF
MW 10:00am-12:00pm (HHP 0107) Lab
(0003 **(33445)** STAFF
MW 2:00pm-4:00pm (HHP 0107) Lab

KNES144R Physical Education Activities: Coed: Martial Arts and Karate (Intermediate); (2) REG/P-F.
(0001 **(33455)** STAFF
TuTh 10:00am-12:00pm (HHP 0107) Lab

KNES144T Physical Education Activities: Coed: Martial Arts, Self Defense; (2) REG/P-F.
(0001 **(33465)** STAFF
TuTh 7:00pm-9:00pm (HHP 0107)
(0002 **(33466)** STAFF
TuTh 12:00pm-2:00pm (HHP 0107)

KNES146N Physical Education Activities: Coed: Racquetball (Beginning); (1) REG/P-F. Students must provide protective eye wear.
(0001 **(33476)** STAFF
MWF 9:00am-9:50am (HHP 0222) Lab
(0002 **(33477)** STAFF
MW 1:00pm-2:15pm (HHP 0222) Lab
(0003 **(33478)** STAFF
MWF 3:00pm-3:50pm (HHP 0222) Lab
(0004 **(33479)** STAFF
TuTh 2:00pm-3:15pm (HHP 0222) Lab

KNES146O Physical Education Activities: Coed: Racquetball (Intermediate); (1) REG/P-F. Students must provide protective eye wear.
(0001 **(33489)** STAFF
TuTh 3:00pm-4:15pm (HHP 0222) Lab

KNES147N Physical Education Activities: Coed: Scuba (Beginning); (2) REG/P-F.
(0001 **(33499)** Landers, R.
MWF 8:00am-8:50am (CRC B0120)
TBA (CRC B0120) Lab
(0002 **(33500)** Landers, R.
TuTh 8:00am-9:15am (CRC B0120)
TBA (CRC B0120) Lab
(0003 **(33501)** Landers, R.
TuTh 10:00am-11:15am (CRC B0120)
TBA (CRC B0120) Lab

KNES152N Physical Education Activities: Coed: Soccer (Beginning); (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 8/31 - 9/4. Students are expected to attend classes beginning 8/31/98.
(0001 **(33511)** STAFF
Meets 08/31/98-10/16/98
MW 1:00pm-3:00pm (HHP 2240) Lab

KNES154N Physical Education Activities: Coed: Swimming (Beginning); (1) REG/P-F. Section 0001 is strictly for non-swimmers.
(0001 **(33521)** STAFF
MWF 12:00pm-12:50pm (CRC B0120) Lab

KNES154O Physical Education Activities: Coed: Swimming (Intermediate); (1) REG/P-F.
(0001 **(33531)** STAFF
TuTh 1:00pm-2:15pm (CRC B0120) Lab

KNES154P Physical Education Activities: Coed: Swimming (Advanced); (2) REG/P-F.
(0001 **(33541)** STAFF
MW 9:00am-11:00am (CRC B0120) Lab

KNES154T Physical Education Activities: Coed: Swimming, Fitness (Beginning); (1) REG/P-F.
(0001 **(33551)** STAFF
MWF 1:00pm-1:50pm (CRC B0120) Lab

KNES154U Physical Education Activities: Coed: Swimming, Fitness (Intermediate); (1) REG/P-F.
(0001 **(33561)** STAFF
MWF 2:00pm-2:50pm (CRC B0120) Lab

KNES154W Physical Education Activities: Coed: Swimming/ Lifeguard Training; (2) REG/P-F. Advanced swimming ability is a prerequisite. Schedule adjustment period is 8/31 - 9/4.
(0001 **(33571)** STAFF
MW 10:00am-12:00pm (CRC B0120) Lab

KNES155N Physical Education Activities: Coed: Tennis (Beginning); (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 8/31 - 9/4. Students are expected to attend classes beginning 8/31/98.
(0001 **(33581)** STAFF
Meets 08/31/98-10/16/98
MW 1:00pm-3:00pm (HHP 2240) Lab
(0002 **(33582)** STAFF
Meets 08/31/98-10/16/98
MW 8:00am-10:00am (COL 1100) Lab
(0003 **(33583)** STAFF
Meets 08/31/98-10/16/98
TuTh 1:00pm-3:00pm (HHP 2240) Lab
(0004 **(33584)** STAFF
Meets 08/31/98-10/16/98
MW 10:00am-12:00pm (HHP 2240) Lab
(0005 **(33585)** STAFF
Meets 08/31/98-10/16/98
MW 1:00pm-3:00pm (COL 1100) Lab
(0006 **(33586)** STAFF
Meets 08/31/98-10/16/98
TuTh 10:00am-12:00pm (COL 1100) Lab
(0007 **(33587)** STAFF
Meets 08/31/98-10/16/98
TuTh 8:00am-10:00am (COL 1100) Lab

KNES155O Physical Education Activities: Coed: Tennis (Intermediate); (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 8/31 - 9/4. Students are expected to attend classes beginning 8/31/98.
(0001 **(33597)** STAFF
Meets 08/31/98-10/16/98
MW 10:00am-12:00pm (COL 1100) Lab
(0002 **(33598)** STAFF
Meets 08/31/98-10/16/98
TuTh 1:00pm-3:00pm (COL 1100) Lab
(0003 **(33599)** STAFF
Meets 08/31/98-10/16/98
TuTh 8:00am-10:00am (HHP 2240) Lab

KNES155P Physical Education Activities: Coed: Tennis (Advanced); (1) REG/P-F. Meets first eight weeks only. Section 0001 includes tournament preparation/advanced drills. Schedule Adjustment Period is 8/31 - 9/4. Students are expected to attend classes beginning 8/31/98.
(0001 **(33609)** STAFF
Meets 08/31/98-10/16/98
TuTh 10:00am-12:00pm (HHP 2240) Lab

KNES157N Physical Education Activities: Coed: Weight Training (Beginning); (1) REG/P-F.
(0001 **(33619)** STAFF
MWF 8:00am-8:50am (HHP 0103) Lab
(0002 **(33620)** STAFF
MW 2:00pm-3:15pm (HHP 0103) Lab
(0003 **(33621)** STAFF
MWF 10:00am-10:50am (HHP 0103) Lab
(0004 **(33622)** STAFF
MW 1:00pm-2:15pm (HHP 0103) Lab
(0005 **(33623)** STAFF
TuTh 4:00pm-5:15pm (HHP 0103) Lab
(0006 **(33624)** STAFF
MW 3:00pm-4:15pm (HHP 0103) Lab
(0007 **(33625)** STAFF
MW 4:00pm-5:15pm (HHP 0103) Lab
(0008 **(33626)** STAFF
TuTh 8:00am-9:15am (HHP 0103) Lab
(0009 **(33627)** STAFF
TuTh 11:00am-12:15pm (HHP 0103) Lab
(0010 **(33628)** STAFF
TuTh 3:00pm-4:15pm (HHP 0103) Lab

KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); (1) REG/P-F.
(0001 **(33638)** STAFF
MWF 11:00am-11:50am (HHP 0103) Lab
(0002 **(33639)** STAFF
MWF 12:00pm-12:50pm (HHP 0103) Lab
(0003 **(33640)** STAFF
TuTh 12:00pm-1:15pm (HHP 0103) Lab
(0004 **(33641)** STAFF
MWF 9:00am-9:50am (HHP 0103) Lab

KNES157P Physical Education Activities: Coed: Weight Training (Advanced); (1) REG/P-F.
(0001 **(33651)** STAFF
TuTh 9:00am-10:15am (HHP 0103) Lab
(0002 **(33652)** STAFF
TuTh 10:00am-11:15am (HHP 0103) Lab

KNES157Q Physical Education Activities: Coed: Body Building; (1) REG/P-F.
(0001 **(33662)** STAFF
TuTh 1:00pm-2:15pm (HHP 0103) Lab
(0002 **(33663)** STAFF
TuTh 2:00pm-3:15pm (HHP 0103) Lab

KNES157R Physical Education Activities: Coed: Circuit Training (Beginning); (1) REG/P-F.
(0001 **(33673)** STAFF
Meets 08/31/98-10/16/98
MW 2:00pm-4:00pm (HHP 0104) Lab
(0002 **(33674)** STAFF
Meets 10/19/98-12/11/98
MW 2:00pm-4:00pm (HHP 0104) Lab

KNES157S Physical Education Activities: Coed: Circuit Training (Intermediate); (2) REG/P-F.
(0001 **(33684)** STAFF
TuTh 2:00pm-4:00pm (HHP 0104) Lab

KNES160N Physical Education Activities: Coed: Volleyball (Beginning); (1) REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/19 - 10/23. Students are expected to attend classes beginning 10/19/98.
(0001 **(33694)** STAFF
Meets 10/19/98-12/11/98
MW 10:00am-12:00pm (HHP 2101) Lab
(0002 **(33695)** STAFF
Meets 10/19/98-12/11/98
MW 8:00am-10:00am (HHP 2101) Lab

KNES160O Physical Education Activities: Coed: Volleyball (Intermediate); (1) REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/19 - 10/23. Students are expected to attend classes beginning 10/19/98.
(0001 **(33705)** STAFF
Meets 10/19/98-12/11/98
MW 12:00pm-2:00pm (HHP 2101) Lab
(0002 **(33706)** STAFF
Meets 10/19/98-12/11/98
TuTh 2:00pm-4:00pm (HHP 2101) Lab

KNES160P Physical Education Activities: Coed: Volleyball (Advanced); (2) REG/P-F.
(0001 **(33716)** STAFF
MW 2:00pm-4:00pm (HHP 2101) Lab

KNES161Q Physical Education Activities: Coed: Conditioning (Aerobic Dance-Beginning); (2) REG/P-F.
(0001 **(33726)** STAFF
TuTh 12:00pm-2:00pm (CRC 0105) Lab

KNES161R Physical Education Activities: Coed: Conditioning (Step Aerobics-Beginning); (2) REG/P-F.
(0001 **(33736)** STAFF
MW 10:00am-12:00pm (CRC 0105) Lab
(0002 **(33737)** STAFF
TuTh 2:00pm-4:00pm (CRC 0105) Lab
(0003 **(33738)** STAFF
TuTh 7:00pm-9:00pm (CRC 0105) Lab

KNES161V Physical Education Activities: Coed: Conditioning (Step Aerobics-Intermediate); (2) REG/P-F.
(0001 **(33748)** STAFF
MW 1:00pm-3:00pm (CRC 0105) Lab
(0002 **(33749)** STAFF
TuTh 10:00am-12:00pm (CRC 0105) Lab

****
PHYSICAL EDUCATION PROFESSIONAL COURSES
****

KNES180 Foundations of Physical Education; (2) REG/P-F/AUD. *Formerly PHED 180.* Course is offered in the fall semester only.
0101 **(33759)** Drum, B.
MW 12:00pm-1:00pm (HHP 1301)

KNES183 Movement Content for Elementary School Children; (3) REG/P-F/AUD. *Formerly PHED 183.*
0101 **(33769)** STAFF
TuTh 10:00am-12:00pm (HHP 2240)

KNES200 Gymnastics Skills Laboratory; (2) REG/P-F/AUD. *Formerly PHED 200.* Course is offered in the Fall semester only.
0101 **(33779)** Montfort, J.
MW 1:00pm-3:00pm (HHP 1120) Lab

KNES204 Basketball Skills Laboratory; (1) REG/P-F. *Formerly PHED 204.* Meets second eight weeks only. Schedule Adjustment Period is 10/19 - 10/23. Students are expected to attend classes beginning 10/19/98.
0101 **(33789)** STAFF
Meets 10/19/98-12/11/98
MW 8:00am-10:00am (HHP 2240) Lab

KNES220 Track and Field Skills Laboratory; (1) REG/P-F. *Formerly PHED 220.* Meets first eight weeks only. Schedule Adjustment Period is 8/31 - 9/4. Students are expected to attend classes beginning 8/31/98. Course is offered in the fall semester only.
0101 **(33799)** STAFF
Meets 08/31/98-10/16/98
MW 8:00am-10:00am (HHP 2240)
MW 8:00am-9:00am (HHP 0306) Lab

KNES240 Exploring Cultural Diversity Through Movement; (3) REG/P-F/AUD. DIVERSITY
0101 **(33809)** Scott, M.
MWF 11:00am-11:50am (HHP 0306)

KNES260 Science of Physical Activity and Cardiovascular Health; (3) REG/P-F/AUD. CORE: LS
0101 **(33819)** Hagberg, J.
MWF 10:00am-11:00am (HHP 0302)
M 12:00pm-12:50pm (HHP 0305) Lab
0102 **(33820)** Hagberg, J.
MWF 10:00am-11:00am (HHP 0302)
W 12:00pm-12:50pm (HHP 0305) Lab
0103 **(33821)** Hagberg, J.
MWF 10:00am-11:00am (HHP 0302)
Tu 12:30pm-1:30pm (HHP 0301) Lab

KNES262 Philosophy of Sport; (3) REG/P-F/AUD. CORE: HO *Not open to students who have completed KNES 362. Credit will be granted for only one of the following: KNES 262 or KNES 362. Formerly KNES 362.*
0101 **(33831)** Swanson, L.
MWF 8:00am-8:50am (HHP 1301)
0201 **(33832)** Swanson, L.
MWF 9:00am-9:50am (HHP 0306)
0301 **(33833)** Swanson, L.
MWF 10:00am-10:50am (HHP 0306)

KNES287 Sport and American Society; (3) REG/P-F/AUD. *Formerly PHED 287.*
0101 **(33843)** STAFF
MWF 10:00am-10:50am (HHP 1312)

KNES289 ***(PermReq)*** **Topical Investigations; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

KNES293 History of Sport in America; (3) REG/P-F/AUD. CORE: SH *Formerly PHED 293.*
0101 **(33854)** STAFF
TuTh 9:45am-10:45am (HHP 1312)
Tu 8:00am-8:50am (HHP 0306) Lab
0102 **(33855)** STAFF
TuTh 9:45am-10:45am (HHP 1312)
Tu 8:55am-9:40am (HHP 0306) Lab
0103 **(33856)** STAFF
TuTh 9:45am-10:45am (HHP 1312)
Th 8:00am-8:50am (HHP 0306) Lab
0104 **(33857)** STAFF
TuTh 9:45am-10:45am (HHP 1312)
Th 8:55am-9:40am (HHP 0306) Lab
0105 **(33858)** STAFF
TuTh 9:45am-10:45am (HHP 1312)
M 2:00pm-2:50pm (HHP 0306) Lab
0106 **(33859)** STAFF
TuTh 9:45am-10:45am (HHP 1312)
M 3:00pm-3:50pm (HHP 0306) Lab
0107 **(33860)** STAFF
TuTh 9:45am-10:45am (HHP 1312)
Tu 8:55am-9:40am (HHP 0302) Lab
0108 **(33861)** STAFF
TuTh 9:45am-10:45am (HHP 1312)
Th 8:55am-9:40am (HHP 0302) Lab

KNES300 Biomechanics of Human Motion; (4) REG/P-F/AUD. *Prerequisites: ZOOL 201; and ZOOL 202. Formerly PHED 300.*
0101 **(33871)** Phillips, S.
TuTh 9:30am-10:45am (HHP 1301)
Tu 11:00am-12:30pm (HHP 0305) Lab
0102 **(33872)** Phillips, S.
TuTh 9:30am-10:45am (HHP 1301)
Th 11:00am-12:30pm (HHP 0305) Lab
0103 **(33873)** Phillips, S.
TuTh 9:30am-10:45am (HHP 1301)
Tu 12:30pm-2:00pm (HHP 0303) Lab
0104 **(33874)** Phillips, S.
TuTh 9:30am-10:45am (HHP 1301)
Th 12:30pm-2:00pm (HHP 1303) Lab

KNES314 Methods in Physical Education; (3) REG/P-F. *Prerequisite: KNES 183. Formerly PHED 314.*
0101 **(33884)** Solmon, M.
MW 10:00am-12:00pm (HHP 2132)

KNES335 Swimming Pool Management; (2) REG/P-F/AUD. *Formerly PHED 335.*
0101 **(33894)** Wenhold, J.
TuTh 9:00am-9:50am (COL 0113)

KNES340 Theory of Coaching Athletics; (2) REG/P-F/AUD. *Formerly PHED 340.*
0101 **(33904)** Drum, B.
MW 9:00am-9:50am (HHP 1301)

KNES350 The Psychology of Sports; (3) REG/P-F/AUD. *Formerly PHED 350.*
0101 **(33914)** Steel, D.
W 4:00pm-6:30pm (HHP 1301)
0201 **(33915)** Steel, D.
MW 10:00am-11:15am (HHP 1303)
0301 **(33916)** Brown, E.
TuTh 12:30pm-1:45pm (HHP 0302)

KNES360 Physiology of Exercise; (3) REG/P-F/AUD. *Prerequisites: {ZOOL 201; and ZOOL 202}; or permission of department. Formerly PHED 360.*
0101 **(33926)** Brown, M.
Tu 12:30pm-2:30pm (HHP 1303)
Th 8:00am-9:20am (HHP 2132) Lab
0102 **(33927)** Brown, M.
Tu 12:30pm-2:30pm (HHP 1303)
Th 9:30am-10:50am (HHP 2132) Lab
0103 **(33928)** Brown, M.
Tu 12:30pm-2:30pm (HHP 1303)
Th 11:00am-12:20pm (HHP 2132) Lab
0104 **(33929)** Brown, M.
Tu 12:30pm-2:30pm (HHP 1303)
Th 12:30pm-1:50pm (HHP 0303) Lab

KNES370 Motor Development; (3) REG/P-F/AUD. *Formerly PHED 370.*
0101 **(33939)** Clark, J.
W 7:00pm-9:30pm (HHP 1312)
W 6:00pm-7:00pm (HHP 0306) Lab
0102 **(33940)** Clark, J.
W 7:00pm-9:30pm (HHP 1312)
W 12:00pm-1:00pm (HHP 1303) Lab
0103 **(33941)** Clark, J.
W 7:00pm-9:30pm (HHP 1312)
W 1:00pm-2:00pm (HHP 1303) Lab
0104 **(33942)** Clark, J.
W 7:00pm-9:30pm (HHP 1312)
W 5:00pm-6:00pm (HHP 0306) Lab
0105 **(33943)** Clark, J.
W 7:00pm-9:30pm (HHP 1312)
M 12:00pm-1:00pm (HHP 0302) Lab
0106 **(33944)** Clark, J.
W 7:00pm-9:30pm (HHP 1312)
M 1:00pm-2:00pm (HHP 0302) Lab

KNES381 Prevention and Care of Athletic Injuries; (3) REG/P-F/AUD. *Prerequisites: ZOOL 201; and ZOOL 202. Formerly PHED 381.* Course is offered in the fall semester only.
0101 **(33952)** Bush, J.
MW 9:00am-9:50am (HHP 1303)
F 9:00am-9:50am (HHP 1303) Lab
0102 **(33953)** Bush, J.
MW 9:00am-9:50am (HHP 1303)
F 8:00am-8:50am (HHP 1302) Lab

KNES385 Motor Learning and Skilled Performance; (3) REG/P-F/AUD. *Formerly PHED 385.*
0101 **(33963)** STAFF
M 7:00pm-9:30pm (HHP 1312)
M 4:00pm-5:00pm (HHP 0306) Lab
0102 **(33964)** STAFF
M 7:00pm-9:30pm (HHP 1312)
M 5:00pm-6:00pm (HHP 0306) Lab
0103 **(33965)** STAFF
M 7:00pm-9:30pm (HHP 1312)
M 6:00pm-7:00pm (HHP 0306) Lab
0104 **(33966)** STAFF
M 7:00pm-9:30pm (HHP 1312)
M 1:00pm-2:00pm (HHP 0306) Lab

KNES389 ***(PermReq)*** **Topical Investigations; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor and department.

KNES389E Topical Investigations: Children's Development Clinic; (1) REG/P-F/AUD.
0101 **(33977)** Hahn, P.
Sa 8:30am-12:30pm (HHP 0103)

KNES389K ***(PermReq)*** **Topical Investigations: Kinesiological Science Option; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

KNES390 Practicum in Teaching Physical Education; (3) REG/P-F/AUD. *Prerequisite: KNES 371. Formerly PHED 390.* Course is offered in the fall semester only.
0101 **(34005)** Owens, L.
MW 1:00pm-3:00pm (HHP 2132)

KNES455 Scientific Bases of Athletic Conditioning; (3) REG/P-F/AUD. *Prerequisite: KNES 360. Formerly PHED 455.*
0101 **(34015)** Hatfield, B.
Tu 4:00pm-6:30pm (HHP 1302)

KNES461 Exercise and Body Composition; (3) REG/P-F/AUD. *Prerequisite: KNES 360. Formerly PHED 461.*
0101 **(34025)** Hurley, B.
Th 4:00pm-6:30pm (HHP 2132)

KNES462 Neural Basis of Human Movement; (3) REG/P-F/AUD. *Prerequisites: {ZOOL 201; and ZOOL 202; and KNES 385} or permission of department. Formerly PHED 462.*
0101 **(34035)** Clark, J.
TuTh 12:30pm-1:45pm (HHP 2132)

KNES466 Graded Exercise Testing; (3) REG. *Prerequisite: KNES 360 or permission of department.*
0101 **(34045)** Kokkinos, P.
Th 5:00pm-7:30pm (HHP 0302)
0201 **(34046)** Kokkinos, P.
W 5:00pm-7:30pm (HHP 0307)

KNES480 Measurement in Physical Education; (3) REG/P-F/AUD. *Prerequisite: MATH 110. Formerly PHED 480.*
0101 **(34056)** Steel, D.
TuTh 1:00pm-3:00pm (HHP 0307)

KNES481 Biophysical Aspects of Human Movement; (3) REG/P-F/AUD. *Prerequisites: KNES 300; and KNES 360; and KNES 370; and KNES 385. Formerly PHED 481.*
0101 **(34066)** Dotson, C.
TuTh 12:30pm-1:45pm (HHP 0305)

KNES486 Politics and Economics of Organized Contemporary Sport; (3) REG/P-F/AUD. *Prerequisite: KNES 287. Formerly PHED 486.*
0101 **(34076)** STAFF
MW 1:00pm-2:15pm (HHP 0303)

KNES491 The Curriculum in Physical Education; (3) REG/P-F/AUD. *Prerequisites: KNES 300, KNES 360, and KNES 371. Formerly PHED 491.*
0101 **(34086)** Ennis, C.
TuTh 9:30am-10:45am (HHP 0303)

KNES496 Quantitative Methods; (3) REG/P-F/AUD. *Formerly PHED 496.*
0101 **(34096)** Dotson, C.
M 4:00pm-6:30pm (HHP 0307)

CORE Codes ... CS - Capstone **HL** - Humanities and the Arts, Literature **HA** - Humanities and the Arts, History or Theory of the Arts
HO - Humanities and the Arts, Humanities **PS** - Mathematics and the Sciences, Physical Sciences (Non-Lab)
PL - Mathematics and the Sciences, Physical Sciences (Lab)

KNES497 Independent Studies Seminar; (3) REG/P-F. CORE: CS
Formerly PHED 497. Students are to meet in HHP 2132 the first day of class.
0101 **(34106)** Scott, M.
MWF 9:00am-9:50am (HHP 2132)
MWF 9:00am-9:50am (HHP 0307) Lab
MWF 9:00am-9:50am (HHP 0305) Lab
0102 **(34107)** Brown, E.
MWF 9:00am-9:50am (HHP 2132)
MWF 9:00am-9:50am (HHP 0307) Lab
MWF 9:00am-9:50am (HHP 0305) Lab

KNES498 *(PermReq)* **Special Topics in Kinesiology; (3)** REG/P-F/AUD.
0101 **(34117)** Wrenn, J.
Time and room to be arranged
0201 **(34118)** Struna, N.
Time and room to be arranged

KNES498A Special Topics in Kinesiology: Physical Activity and Disease Prevention; (3) REG/P-F/AUD.
0101 **(34128)** STAFF
W 4:00pm-6:30pm (HHP 0302)

KNES498K Special Topics in Kinesiology: Child and Sport; (3) REG/P-F/AUD.
0101 **(34138)** Brown, E.
Tu 3:00pm-5:30pm (HHP 1303)

KNES644 Curriculum Development; (3) REG/AUD. *Formerly PHED 644.*
0101 **(34158)** Ennis, C.
Tu 4:00pm-6:30pm (HHP 2130)

KNES650 Mental and Emotional Aspects of Sports and Recreation; (3) REG/AUD. *Prerequisite: KNES 350. Formerly PHED 650.*
0101 **(34168)** Hatfield, B.
Th 4:00pm-6:30pm (HHP 1302)

KNES675 Photo-analysis of Human Motion; (3) REG/AUD.
Prerequisite: KNES 300 or permission of department. Formerly PHED 675.
0101 **(34178)** Phillips, S.
W 4:00pm-6:30pm (HHP 0305)

KNES689 *(PermReq)* **Special Problems in Kinesiology; (1-6)** REG.
Individual Instruction course: contact department or instructor to obtain section number.

KNES689A Special Problems in Kinesiology: Foundations of Sport Management; (3) REG/AUD.
0101 **(34207)** McDaniel, S.
Th 4:00pm-6:30pm (HHP 0305)

KNES689E Special Problems in Kinesiology: Research on Teaching; (3) REG/AUD.
0101 **(34217)** Solmon, M.
M 4:00pm-6:30pm (HHP 2130)

KNES689F Special Problems in Kinesiology: The Social Construction of the Gendered Body: A History; (3) REG/AUD.
0101 **(34227)** Struna, N.
Th 3:00pm-5:30pm (HHP 1303)

KNES689O Special Problems in Kinesiology: Psychology of Exercise and Health; (3) REG/AUD.
0101 **(34237)** Iso-Ahola, S.
M 7:00pm-9:30pm (HHP 0301)

KNES689R Special Problems in Kinesiology: Sport and Mass Media; (3) REG/AUD.
0101 **(34247)** McDaniel, S.
Tu 4:00pm-6:30pm (HHP 0303)

KNES689Y Special Problems in Kinesiology: Current Literature in Exercise Physiology; (1) REG/AUD.
0101 **(34257)** Rogers, M.
F 11:00am-12:00pm (HHP 2132)

KNES689Z Special Problems in Kinesiology: Current Literature in Movement Sciences; (1) REG/AUD.
0101 **(34267)** Jeka, J.
F 3:30pm-4:20pm (HHP 0301)

KNES691 Muscular Aspects of Exercise Physiology; (3) REG/AUD.
Prerequisite: KNES 360. Formerly PHED 691.
0101 **(34277)** Rogers, M.
W 7:00pm-9:30pm (HHP 0303)

KNES692 Cardiovascular Aspects of Exercise Physiology; (3) REG/AUD. *Prerequisite: KNES 360. Formerly PHED 692.*
0101 **(34287)** Hurley, B.
W 4:00pm-7:00pm (HHP 2132)

KNES789G Advanced Seminar: Physiology of Exercise II; (2) REG/AUD.
0101 **(34297)** Rogers, M.
Th 5:00pm-7:00pm (HHP 0307)

KNES789T Advanced Seminar: Motor Control; (3) REG/AUD.
0101 **(34307)** Jeka, J.
Tu 3:00pm-5:30pm (HHP 2132)

KNES799 *(PermReq)* **Master's Thesis Research; (1-6)** REG.
Individual Instruction course: contact department or instructor to obtain section number.

KNES899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG.
Individual Instruction course: contact department or instructor to obtain section number.

KORA Korean
(Arts and Humanities)

KORA211 Introductory Reading for Speakers of Korean I; (3) REG/P-F/AUD. *Not open to students who have completed three or more years of Korean schooling.*
0101 **(34399)** Ramsey, Y.
TuTh 11:00am-12:15pm (JMZ 1226)

KORA212 Introductory Reading for Speakers of Korean II; (3) REG/P-F/AUD. *Prerequisite: KORA 211. Not open to students who have completed three or more years of Korean schooling.*
0101 **(34409)** Ramsey, Y.
TuTh 2:00pm-3:15pm (JMZ 1226)

LARC Landscape Architecture
(Agriculture and Natural Resources)

LARC140 Graphic Fundamentals; (3) REG/P-F/AUD.
Recommended: LARC 160, concurrently. For LARC majors only. Not open to students who have completed EDIT 160. Formerly LARC 150.
0101 **(34459)** Hilsenrath, E.
MW 2:00pm-2:50pm (PLS 1111)
MW 3:00pm-4:50pm (PLS 2154) Lab

LARC160 Introduction to Landscape Architecture; (3) REG/P-F/AUD. CORE: HO
0101 **(34470)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
F 10:00am-10:50am (PLS 1162) Dis
0102 **(34471)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
W 12:00pm-12:50pm (PLS 1162) Dis
0103 **(34472)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
F 11:00am-11:50am (PLS 1162) Dis
0104 **(34473)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
Th 12:30pm-1:20pm (PLS 1162) Dis
0106 **(34475)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
M 12:00pm-12:50pm (PLS 1162) Dis
0107 **(34476)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
M 1:00pm-1:50pm (PLS 1162) Dis
0108 **(34477)** Hill, M.
MW 10:00am-10:50am (PLS 1140)
Tu 12:30pm-1:20pm (PLS 1162) Dis

LARC220 Land Surveying; (2) REG/P-F/AUD. *For LARC majors only. Formerly LARC 200.*
0101 **(34489)** Nola, D.
Th 2:00pm-4:50pm (JUL 1105) Lab

LARC240 Graphic Communications; (3) REG/P-F/AUD.
Prerequisites: LARC 141 and LARC 160. For LARC majors only. Formerly LARC 260.
0101 **(34500)** Sullivan, J.
MW 2:00pm-4:50pm (PLS 2152) Lab

LARC320 Principles of Site Engineering; (3) REG/P-F/AUD.
Prerequisites: LARC 220 and LARC 241. For LARC majors only. Also offered as HORT 320. Formerly LARC 364.
0101 **(34510)** Sullivan, J.
MW 9:00am-10:50am (PLS 1130)
MW 11:00am-11:50am (Arranged) Lab

LARC341 Community Design Studio; (4) REG/P-F/AUD.
Prerequisite: LARC 241. For LARC majors only. Formerly LARC 361.
0101 **(34520)** Hill, M.
MW 1:00pm-4:50pm (PLS 2150)

LARC420 Professional Practice; (3) REG/P-F/AUD. *Prerequisite: LARC 321. For LARC majors only. Formerly LARC 467.*
0101 **(34530)** Locke, D.
W 9:00am-11:50am (PLS 0104) Lab

LARC440 Urban Studio Design; (4) REG/P-F/AUD. *Prerequisites: LARC 321, and LARC 340, and LARC 341. For LARC majors only. Formerly LARC 462.*
0101 **(34540)** STAFF
TuTh 1:00pm-4:50pm (PLS 2148) Lab

LARC450 Environmental Resources; (3) REG/P-F/AUD.
Prerequisite: AGRO 202 or permission of department. Also offered as URSP 688E. Friday afternoon field trips on the following dates: 9/25, 10/16, 11/6, and 12/4 (Three required).
0101 **(34550)** Hilsenrath, E.
F 9:00am-11:50am (PLS 0104)

LARC470 Landscape Architecture Seminar; (3) REG/P-F/AUD.
Prerequisites: LARC 321 and LARC 341. For LARC majors only.
0101 **(34560)** STAFF
TuTh 9:30am-10:45am (PLS 0104)

LARC499 Independent Studies in Landscape Architecture; (1-4) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LASC Certificate in Latin American Studies
(Arts and Humanities)

LASC234 Issues in Latin American Studies I; (3) REG. CORE: HO DIVERSITY *Also offered as SPAN 234 and PORT 234. Credit will be granted for only one of the following: LASC 234 or SPAN 234 or PORT 234.*
0101 **(34623)** Korzeniewicz, R.
TuTh 10:00am-11:00am (SYM 0200)
Th 11:00am-12:00pm (JMZ 3205) Dis
0102 **(34624)** Korzeniewicz, R.
TuTh 10:00am-11:00am (SYM 0200)
Th 12:00pm-1:00pm (JMZ 0103) Dis

LASC234H Issues in Latin American Studies I; (3) REG. CORE: HO DIVERSITY *Also offered as SPAN 234 and PORT 234. Credit will be granted for only one of the following: LASC 234 or SPAN 234 or PORT 234.* For general honors students only.
0101 **(34634)** Korzeniewicz, R.
TuTh 10:00am-11:00am (SYM 0200)
Th 11:00am-11:50am (JMZ 3205) Dis

LATN Latin
(Arts and Humanities)

LATN101 Elementary Latin I; (4) REG/P-F/AUD. *A student who has two units of Latin in high school may register for LATN 101 for the purposes of review, but ordinarily not for credit.*
0101 **(34684)** Dietrich, J.
MWF 1:00pm-1:50pm (ARM 0119)
F 12:00pm-12:50pm (ARM 0121)

LATN102 Elementary Latin II; (4) REG/P-F/AUD. *Prerequisite: LATN 101 at UMCP or permission of department.*
0101 **(34694)** Dietrich, J.
MWF 10:00am-10:50am (ARM 0105)
F 9:00am-9:50am (ARM 0105)

LATN120 Intensive Latin; (4) REG/P-F/AUD. *Prerequisite: permission of department. Not open for credit to students with credit for LATN 102.*
0101 **(34704)** Hallett, J.
MWF 10:00am-10:50am (ARM 0119)
F 9:00am-9:50am (ARM 0121)

LATN201 Intermediate Latin; (4) REG/P-F/AUD. CORE: HO
Prerequisite: LATN 102 at UMCP or permission of department. Formerly LATN 203.
0101 **(34714)** Rutledge, S.
MWF 10:00am-10:50am (MMH 2407)
F 9:00am-9:50am (MMH 2407)

LATN301 Plautus; (3) REG/P-F/AUD.
0101 **(34724)** Stehle, E.
MW 3:30pm-4:50pm (MMH 3418)

LATN420 Cicero and Caesar; (3) REG/P-F/AUD.
0101 **(34734)** Dietrich, J.
Tu 5:00pm-7:40pm (MMH 3418)

LATN488 Latin Readings: Ovid; (3) REG/P-F/AUD.
0101 **(34744)** Hallett, J.
W 5:00pm-7:40pm (MMH 3418)

LATN499 *(PermReq)* **Independent Study in Latin Language and Literature; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LATN622 The Age of Caesar; (3) REG/AUD.
0101 **(34759)** Dietrich, J.
Tu 5:00pm-7:40pm (MMH 3418)

LATN688 Special Topics in Latin Literature: Ovid; (3) REG/AUD.
0101 **(34769)** Hallett, J.
W 5:00pm-7:40pm (MMH 3418)

LATN699 Independent Studies in Latin Literature; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LBSC Library Science
(Library and Information Services)

LBSC601 *(PermReq)* **Information Use; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34833)** Walston, C.
W 1:00pm-3:45pm (HBK 0103)
0201 **(34834)** Barlow, D.
W 5:30pm-8:15pm (HBK 0115)

LBSC605 *(PermReq)* **Archival Principles, Practices, and Programs; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34998)** Dearstyne, B.
W 1:00pm-3:45pm (HBK 4113)

LBSC611 *(PermReq)* **Archives and Libraries in Western Civilization; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34844)** Burke, F.
M 1:00pm-3:45pm (HBK 0103)

LBSC630 *(PermReq)* **Library Administration; (3)** REG/AUD.
Prerequisite: permission of department.
0101 **(34854)** Phelps, T.
Tu 5:30pm-8:15pm (HBK 0103)

LBSC632 *(PermReq)* **Library Personnel Management and Communication; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34864)** Walston, C.
W 5:30pm-8:15pm (HBK 0103)

LBSC643 *(PermReq)* **Library Media Specialists in Educational Systems; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34874)** Neuman, M.
M 5:30pm-8:15pm (HBK 0105)

LBSC645 *(PermReq)* **Children's Literature and Materials; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(34884)** Macleod, A.
Th 2:00pm-4:45pm (HBK 0115)

LBSC650 *(PermReq)* **Information Access; (3)** REG/AUD.
Prerequisite: permission of department.
0101 **(34894)** White, M.
MW 9:30am-10:45am (HBK 0103)
0201 **(34895)** White, M.
W 5:30pm-8:15pm (HBK 0105)
0301 **(34896)** STAFF
W 5:30pm-8:15pm (HBK 1112)

LBSC670 *(PermReq)* **Information Structure; (3)** REG/AUD.
Prerequisite: permission of department.
0101 **(34905)** Green, R.
Th 9:30am-12:15pm (HBK 0115)
0201 **(34906)** Green, R.
Th 5:30pm-8:15pm (HBK 0115)

LBSC690 *(PermReq)* **Information Technology; (3)** REG/AUD.
Prerequisite: permission of department.
0101 **(34916)** Oard, D.
M 5:30pm-8:15pm (CSS 1410)
0201 **(34917)** Walston, C.
Tu 2:00pm-4:45pm (HBK 0103)
0301 **(34918)** Oard, D.
Tu 5:30pm-8:15pm (CSS 1410)

LBSC707 *(PermReq)* **Field Study in Library Service; (3)** REG/AUD.
Prerequisites: all core courses and permission of both department and instructor.
0101 **(34938)** Wilson, W.
Time and room to be arranged

LBSC708C *(PermReq)* **Special Topics in Library and Information Service: Instructional Materials Development; (3)** REG/AUD.
0101 **(34948)** Clabaugh, S.
Tu 5:30pm-8:15pm (PLS 1130)

LBSC708D *(PermReq)* **Special Topics in Library and Information Service: Information Policy and the National Infrastructure; (3)** REG/AUD.
0101 **(34958)** Weingarten, F.
Tu 5:30pm-8:15pm (HBK 4115)

LBSC708J *(PermReq)* **Special Topics in Library and Information Service: Seminar in Archives, Records, and Information Management; (3)** REG/AUD.
0101 **(34959)** Halonen, C.
M 5:30pm-8:15pm (HBK 4113)

LBSC708P *(PermReq)* **Special Topics in Library and Information Service: Planning and Evaluating Library Services; (3)** REG/AUD.
0101 **(34978)** Kaske, N.
M 5:30pm-8:15pm (HBK 4115)

LBSC708R *(PermReq)* **Special Topics in Library and Information Service: Visual and Sound Materials; (3)** REG/AUD.
0101 **(34988)** Baty, L.
Tu 5:30pm-8:15pm (HBK 4113)

LBSC708S *(PermReq)* **Special Topics in Library and Information Service: Management of Electronic Records; (3)** REG/AUD.
0101 **(34989)** Halonen, C.
Th 9:30am-12:15pm (HBK 4113)

LBSC708Y *(PermReq)* **Special Topics in Library and Information Service: Group Field Work: Fannie Mae; (3)** REG/AUD.
0101 **(34999)** Soergel, D.
W 9:30am-12:15pm (HBK 4113)

LBSC709 *(PermReq)* **Independent Study; (1-3)** REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office.

LBSC723 *(PermReq)* **Libraries and Information Services in the Social Process; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35022)** Macleod, A.
Tu 9:30am-12:15pm (HBK 4113)

LBSC724 *(PermReq)* **Public Library Seminar; (3)** REG/AUD.
Prerequisite: permission of department.
0101 **(35023)** Cunningham, W.
Tu 2:00pm-4:45pm (HBK 0109)

LBSC734 *(PermReq)* **Seminar in the Academic Library; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35032)** Lowry, C.
Tu 5:30pm-8:15pm (MCK 4117)

LBSC742 *(PermReq)* **Instructional Development Roles of Library Media Specialists; (3)** REG/AUD. *Prerequisites: permission of department; and LBSC 643 or permission of instructor.*
0101 **(35042)** Neuman, M.
Th 5:30pm-8:15pm (HBK 4115)

LBSC750 *(PermReq)* **Information Access in Electronic Environments; (3)** REG/AUD. *Prerequisite: LBSC 650 or permission of instructor.*
0101 **(35052)** White, M.
MW 11:00am-12:15pm (HBK 0103)

LBSC762 *(PermReq)* **Abstracting and Indexing Sources in the Health Sciences; (3)** REG/AUD. *Prerequisite: permission of department; and either LBSC 651 or permission of instructor.*
0101 **(35062)** Ryan, M.
Th 5:30pm-8:15pm (HBK 4113)

LBSC764 *(PermReq)* **Legal Literature; (3)** REG/AUD. *Prerequisite: permission of department; and either LBSC 651 or permission of instructor.*
0101 **(35072)** Miller, M.
W 6:00pm-8:45pm (HBK 0109)

LBSC780 *(PermReq)* **Principles of Records Management; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(35082)** Dearstyne, B.
Th 5:30pm-8:15pm (HBK 0105)

LBSC792 *(PermReq)* **Introduction to Expert Systems; (3)** REG/AUD. *Prerequisites: LBSC 690 and permission of department.*
0101 **(35092)** Soergel, D.
M 5:30pm-8:15pm (HBK 0115)

LBSC793 *(PermReq)* **Database Design; (3)** REG/AUD. *Prerequisite: LBSC 690 or permission of instructor; and permission of department.*
0101 **(35102)** Green, R.
Tu 9:30am-12:15pm (HBK 0115)

LBSC795 *(PermReq)* **Principles of Human-Computer Communication; (3)** REG/AUD. *Prerequisite: LBSC 690 or permission of instructor.*
0101 **(35112)** Allen, R.
Tu 2:00pm-4:45pm (HBK 0115)

LBSC799 *(PermReq)* **Master's Thesis Research; (1-6)** REG.
Individual Instruction course: contact department or instructor to obtain section number.

LBSC899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG.
Individual Instruction course: contact department or instructor to obtain section number.

LING Linguistics
(Arts and Humanities)

LING200 Introductory Linguistics; (3) REG/P-F/AUD. CORE: SB
Not open to students who have completed ANTH 371 or HESP 120.
Basis for future work in linguistics.
0101 **(35189)** Fukazawa, H.
TuTh 12:30pm-1:45pm (ARM 0119)
0201 **(35190)** STAFF
TuTh 9:30am-10:45am (ARM 0103)
0301 **(35191)** STAFF
MWF 12:00pm-12:50pm (MMH 3418)
0401 **(35192)** Castillo, J.
MWF 11:00am-11:50am (HBK 1116)
0501 **(35193)** STAFF
MW 4:00pm-5:15pm (MMH 0108)
0601 **(35194)** Struijke, C.
TuTh 3:30pm-4:45pm (MMH 3418)
0801 **(35195)** Grohmann, K.
TuTh 11:00am-12:15pm (HBK 1112)

LING240 Language and Mind; (3) REG/P-F/AUD. CORE: HO
0101 **(35205)** Uriagereka, J.
MW 11:00am-12:15pm (COL 3112)

LING311 Syntax I; (3) REG/P-F/AUD. *Prerequisite: LING 240.*
0101 **(35215)** Hornstein, N.
MW 9:30am-10:45am (HBK 0105)

LING321 Phonology I; (3) REG/P-F/AUD. *Prerequisite: LING 240.*
0101 **(35225)** STAFF
TuTh 12:30pm-1:45pm (MMH 3418)

LING419 *(PermReq)* **Topics in Syntax; (3)** REG/P-F/AUD.
0101 **(35235)** Uriagereka, J.
Time and room to be arranged

LING420 Word Formation; (3) REG/P-F/AUD. *Prerequisite: LING 322.*
0101 **(35245)** Benua, L.
MW 1:00pm-2:15pm (MMH 3418)

LING429 *(PermReq)* **Topics in Phonology; (3)** REG/P-F/AUD.
0101 **(35255)** Benua, L.
Time and room to be arranged

LING439 Topics in Diachronic Linguistics; (3) REG/P-F/AUD.
0101 **(35265)** Lightfoot, D.
Time and room to be arranged

LING439H Topics in Diachronic Linguistics; (3) REG/P-F/AUD. For general honors students only.
0101 **(35275)** Lightfoot, D.
Time and room to be arranged

LING444 Child Language; (3) REG/P-F/AUD. *Prerequisite: LING 200 or LING 240.*
0101 **(35285)** Crain, S.
TuTh 11:00am-12:15pm (HBK 0123)

LING444H Child Language; (3) REG/P-F/AUD. *Prerequisite: LING 200 or LING 240.* For general honors students only.
0101 **(35295)** Crain, S.
TuTh 11:00am-12:15pm (HBK 0123)

LING499 *(PermReq)* **Directed Studies in Linguistics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LING499H Directed Studies in Linguistics; (3) REG/P-F/AUD.
0101 **(35314)** Lightfoot, D.
Time and room to be arranged

LING610 Syntactic Theory; (3) REG/AUD. *Prerequisite: LING 312.*
0101 **(35324)** Lightfoot, D.
Tu 2:00pm-5:00pm (MMH 0108)

LING620 Phonological Theory; (3) REG/AUD. *Prerequisite: LING 322.*
0101 **(35334)** Benua, L.
Th 2:00pm-5:00pm (KEY 0124)

LING640 *(PermReq)* **Sentence Processing; (3)** REG/AUD.
Prerequisite: permission of instructor.
0101 **(35344)** Weinberg, A.
W 9:30am-12:00pm (JRN 1104)

LING660 *(PermReq)* **Introduction to Semantics; (3)** REG/AUD.
Prerequisite: permission of instructor.
0101 **(35345)** Pietroski, P.
M 1:00pm-4:00pm (ARM 0116)

LING689 *(PermReq)* **Independent Study; (1-3)** REG/AUD.
0101 **(35354)** Weinberg, A.
Time and room to be arranged

LING689A Independent Study: Introduction to Computer Programming for Linguistics; (3) REG/AUD.
0101 **(35364)** Resnik, P.
TuTh 9:30am-10:45am (ARC 1127)

LING689B Independent Study: Readings in Current Syntax; (3) REG/AUD.
0101 **(35374)** Uriagereka, J.
Th 2:00pm-5:00pm (JMZ 1123)

LING698 Directed Study; (1-3) REG/AUD.
0101 **(35375)** Crain, S.
F 2:00pm-4:00pm (MMH 1304)

LING798 *(PermReq)* **Research Papers in Linguistics; (1-6)** REG.
0101 **(35384)** Hornstein, N.
Time and room to be arranged

LING799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

LING819 Seminar in Syntactic Theory; (3) REG/AUD.
0101 **(35403)** Hornstein, N.
W 2:00pm-4:30pm (WDS 1114)

LING889 *(PermReq)* **Directed Research; (1-8)** REG/AUD.
0301 **(35423)** Weinberg, A.
Time and room to be arranged

LING889A Directed Research: Neural Basis of Language; (3) REG/AUD.
0101 **(35433)** Poeppel, D.
Tu 2:00pm-5:00pm (SYM 2109)

LING889B Directed Research: Introduction to Semantics; (3) REG/AUD.
0101 **(35443)** STAFF
Time and room to be arranged

LING895 Doctoral Research Paper; (6) REG. Individual Instruction course: contact department or instructor to obtain section number.

LING899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MAPL Applied Mathematics (Computer, Mathematical and Physical Sciences)

MAPL460 Computational Methods; (3) REG/P-F/AUD.
Prerequisites: {a grade of C or better in MATH 240 and MATH 241}; and {CMSC 104 or CMSC 113}. Also offered as CMSC 460. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.
0101 **(35520)** Elman, H.
TuTh 11:00am-12:15pm (MTH 0101)

MAPL466 Introduction to Numerical Analysis I; (3) REG/P-F/AUD. *Prerequisites: {a grade of C or better in MATH 240 and MATH 241}; and CMSC 104. Also offered as CMSC 466. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.*
0101 **(35531)** Stewart, G.
TuTh 12:30pm-1:45pm (CLB 0109)

MAPL498A Selected Topics in Applied Mathematics; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MAPL614 Mathematics of the Finite Element Method; (3) REG/AUD. *Prerequisite: one semester graduate level course in partial differential equations; or permission of instructor.*
0101 **(35555)** Von Petersdorff, T.
TuTh 2:00pm-3:15pm (MTH B0429)

MAPL660 Scientific Computing I; (3) REG. *Prerequisite: MAPL 460 or MAPL 466, or knowledge of basic numerical analysis (linear equations, nonlinear equations, integration, interpolation) with permission of instructor. Also offered as CMSC 660. Credit will be granted for only one of the following: MAPL 660 or CMSC 660.*
0101 **(35565)** Liu, J.
MWF 1:00pm-1:50pm (MTH B0429)

MAPL666 Numerical Analysis I; (3) REG/AUD. *Prerequisites: MAPL 466; and MATH 410. Also offered as CMSC 666.*
0101 **(35575)** Osborn, J.
TuTh 11:00am-12:15pm (MTH 1308)

MAPL670 Ordinary Differential Equations I; (3) REG/AUD.
Prerequisite: MATH 405; and MATH 410 or equivalent. Also offered as MATH 670. Offered fall only.
0101 **(35585)** Jakobson, M.
MWF 2:00pm-2:50pm (MTH B0423)

MAPL673 Partial Differential Equations I; (3) REG/AUD.
Prerequisite: MATH 411 or equivalent. Also offered as MATH 673. Credit will be granted for only one of the following: MAPL 673 or MATH 673. Offered fall only.
0101 **(35595)** Pego, R.
TuTh 5:00pm-6:15pm (MTH 0303)

MAPL698A Advanced Topics in Applied Mathematics; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MAPL698G Advanced Topics in Applied Mathematics: Sturm Liouville Problems; (3) REG/AUD. Also offered as MATH 648G.
0201 **(35646)** Greenberg, L.
TuTh 12:30pm-1:45pm (MTH 0107)

MAPL699 Applied Mathematics Seminar: Topics in Applied Mathematics; (1) REG/AUD.
0101 **(35656)** Kellogg, R.
W 4:00pm-4:50pm (MTH 0403)

MAPL711 Non-linear Elasticity; (3) REG/AUD. *Prerequisite: MAPL 701.*
0101 **(35657)** Antman, S.
MW 4:00pm-5:15pm (MTH 0102)

MAPL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MAPL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MATH Mathematics (Computer, Mathematical and Physical Sciences)

A student enrolled in MATH A001 for Spring 1998, will have a reserved seat in MATH 001 for the Fall 1998 semester. The enrollment must be confirmed during Fall 1998 advance registration.

MATH001 Review of High School Algebra; (3) REG. *Recommended for students who plan to take MATH 110 or MATH 002 but are not currently qualified to do so. Special fee required in addition to the regular tuition charge for fall and spring semesters. This course does not carry credit towards any degree at the University.* The notation 3 credits is used only for billing and full-time or part-time status. There is a special fee of $200 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics.
0101 **(35873)** STAFF
MWF 8:00am-8:50am (MTH 0201)
0102 **(35874)** STAFF
MWF 8:00am-8:50am (MTH 0305)
0103 **(35875)** STAFF
MWF 8:00am-8:50am (MTH 1313)
0104 **(35876)** STAFF
MWF 8:00am-8:50am (MTH 0302)
0201 **(35879)** STAFF
MWF 9:00am-9:50am (MTH 0201)
0202 **(35880)** STAFF
MWF 9:00am-9:50am (MTH 0411)
0203 **(35881)** STAFF
MWF 9:00am-9:50am (MTH 0102)
0204 **(35882)** STAFF
MWF 9:00am-9:50am (MTH 0302)
0301 **(35885)** STAFF
MWF 10:00am-10:50am (MTH 0201)
0302 **(35886)** STAFF
MWF 10:00am-10:50am (MTH 0307)
0303 **(35887)** STAFF
MWF 10:00am-10:50am (MTH 0303)
0304 **(35888)** STAFF
MWF 10:00am-10:50am (MTH 0302)
0401 **(35890)** STAFF
MWF 11:00am-11:50am (MTH 0201)
0402 **(35891)** STAFF
MWF 11:00am-11:50am (MTH 0103)
0403 **(35892)** STAFF
MWF 11:00am-11:50am (MTH 0401)
0501 **(35893)** STAFF
MWF 1:00pm-1:50pm (MTH 0201)
0601 **(35895)** STAFF
MWF 2:00pm-2:50pm (MTH 0201)

A student enrolled in MATH A002 for Spring 1998, will have a reserved seat in MATH 002 for the Fall 1998 semester. The enrollment must be confirmed during Fall 1998 advance registration.

MATH002 Advanced Review of High School Algebra; (3) REG. *Recommended for students who plan to take but who are not currently qualified for MATH 115. Prerequisite: a satisfactory score on the mathematics placement exam or MATH 001 or MATH 001L. Special fee required in addition to the regular tuition charge for fall and spring semesters. This course does not carry credit towards any degree at the University.* The notation 3 credits is used only for billing and full-time and part-time status. There is a special $200 fee for MATH 002. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 002 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics.
0111 **(35906)** STAFF
TuTh 9:00am-9:50am (ARM 0135)
MW 8:00am-8:50am (MTH B0427) Dis
0121 **(35907)** STAFF
TuTh 9:00am-9:50am (ARM 0135)
MW 9:00am-9:50am (MTH B0427) Dis
0131 **(35908)** STAFF
TuTh 9:00am-9:50am (ARM 0135)
MW 10:00am-10:50am (MTH B0427) Dis
0141 **(35909)** STAFF
TuTh 9:00am-9:50am (ARM 0135)
MW 12:00pm-12:50pm (MTH B0429) Dis
0211 **(35910)** STAFF
TuTh 10:00am-10:50am (ARM 0135)
MW 8:00am-8:50am (MTH B0429) Dis
0221 **(35911)** STAFF
TuTh 10:00am-10:50am (ARM 0135)
MW 9:00am-9:50am (MTH B0429) Dis
0311 **(35912)** STAFF
MW 9:00am-9:50am (CLB 0111)
TuTh 8:00am-8:50am (MTH B0423) Dis
0321 **(35913)** STAFF
MW 9:00am-9:50am (CLB 0111)
TuTh 9:00am-9:50am (MTH B0423) Dis
0411 **(35916)** STAFF
MW 12:00pm-12:50pm (CSS 2324)
TuTh 12:00pm-12:50pm (MTH B0423) Dis
0421 **(35917)** STAFF
MW 12:00pm-12:50pm (CSS 2324)
TuTh 1:00pm-1:50pm (MTH B0423) Dis
0431 **(35918)** STAFF
MW 12:00pm-12:50pm (CSS 2324)
TuTh 2:00pm-2:50pm (MTH B0423) Dis
0441 **(35919)** STAFF
MW 12:00pm-12:50pm (CSS 2324)
TuTh 3:00pm-3:50pm (MTH B0423) Dis
0511 **(35920)** STAFF
MW 1:00pm-1:50pm (ARM 0131)
TuTh 1:00pm-1:50pm (MTH 0103) Dis
0521 **(35921)** STAFF
MW 1:00pm-1:50pm (ARM 0131)
TuTh 2:00pm-2:50pm (MTH 0103) Dis
0611 **(35924)** STAFF
MW 11:00am-11:50am (CSS 2324)
TuTh 1:00pm-1:50pm (MTH 0409) Dis
0621 **(35925)** STAFF
MW 11:00am-11:50am (CSS 2324)
TuTh 2:00pm-2:50pm (MTH 0409) Dis
0631 **(35926)** STAFF
MW 11:00am-11:50am (CSS 2324)
TuTh 3:00pm-3:50pm (MTH 0409) Dis
0641 **(35927)** STAFF
MW 11:00am-11:50am (CSS 2324)
TuTh 4:00pm-4:50pm (MTH 0409) Dis
0711 **(35928)** STAFF
MW 12:00pm-12:50pm (ARM 0135)
TuTh 12:00pm-12:50pm (MTH 0201) Dis
0721 **(35929)** STAFF
MW 12:00pm-12:50pm (ARM 0135)
TuTh 1:00pm-1:50pm (MTH 0201) Dis
0811 **(35932)** STAFF
TuTh 10:00am-10:50am (ARM 0116)
MW 8:00am-8:50am (MTH B0425) Dis
0821 **(35933)** STAFF
TuTh 10:00am-10:50am (ARM 0116)
MW 9:00am-9:50am (MTH B0425) Dis
0911 **(35934)** STAFF
TuTh 12:00pm-12:50pm (ARM 0112)
MW 10:00am-10:50am (MTH 1308) Dis
0921 **(35935)** STAFF
TuTh 12:00pm-12:50pm (ARM 0112)
MW 12:00pm-12:50pm (MTH 0401) Dis

MATH002+ Advanced Review of High School Algebra; (3) REG/P-F/AUD. *Recommended for students who plan to take but who are not currently qualified for MATH 115. Prerequisite: a satisfactory score on the mathematics placement exam or MATH 001 or MATH 001L. Special fee required in addition to the regular tuition charge for fall and spring semesters. This course does not carry credit towards any degree at the University.* Restricted to students in a First Year Focus Cluster.
0321 **(35937)** STAFF
MW 9:00am-9:50am (CLB 0111)
TuTh 9:00am-9:50am (MTH B0423) Dis
0921 **(35938)** STAFF
TuTh 12:00pm-12:50pm (ARM 0112)
MW 12:00pm-12:50pm (MTH 0401) Dis

A student enrolled in MATH A110 for Spring 1998, will have a reserved seat in MATH 110 for the Fall 1998 semester. The enrollment must be confirmed during Fall 1998 advance registration.

MATH110 Elementary Mathematical Models; (3) REG/P-F/AUD.
Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 001 with a grade of C or better, or MATH 002. Not open to students majoring in mathematics, engineering, business, life sciences, and the physical sciences. Not open to students who have completed MATH 140, MATH 220, or any MATH or STAT course for which MATH 140 or MATH 220 is a prerequisite. Credit will be granted for only one of the following: MATH 110 or MATH 113. All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83 calculator.
0101 **(35945)** STAFF
MWF 11:00am-11:50am (MTH 0101)
0102 **(35946)** STAFF
MWF 11:00am-11:50am (MTH 0407)
0103 **(35947)** STAFF
MWF 11:00am-11:50am (MTH 0405)
0104 **(35948)** STAFF
MWF 11:00am-11:50am (MTH 0303)
0201 **(35950)** STAFF
MWF 12:00pm-12:50pm (MTH 0101)
0202 **(35951)** STAFF
MWF 12:00pm-12:50pm (MTH 0407)
0203 **(35952)** STAFF
MWF 12:00pm-12:50pm (MTH 0405)
0204 **(35953)** STAFF
MWF 12:00pm-12:50pm (MTH 0303)
0205 **(35954)** STAFF
MWF 12:00pm-12:50pm (MTH B0421)
0301 **(35955)** STAFF
MWF 1:00pm-1:50pm (MTH 0407)
0302 **(35956)** STAFF
MWF 1:00pm-1:50pm (MTH 0303)
0304 **(35958)** STAFF
MWF 1:00pm-1:50pm (MTH 1311)
0401 **(35959)** STAFF
MWF 2:00pm-2:50pm (MTH 0407)
0402 **(35960)** STAFF
MWF 2:00pm-2:50pm (MTH 0303)
0404 **(35962)** STAFF
MWF 2:00pm-2:50pm (MTH 1311)

MATH111 Introduction to Probability; (3) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 110, or MATH 002 with a grade of C or better. Not open to students majoring in mathematics, engineering or the physical sciences. Not open to students who have completed STAT 100 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100.*
0101 **(35972)** STAFF
MWF 1:00pm-1:50pm (MTH 0405)
0102 **(35973)** STAFF
MWF 1:00pm-1:50pm (MTH 0101)
0103 **(35974)** STAFF
MWF 1:00pm-1:50pm (MTH 0106)
0104 **(35975)** STAFF
MWF 1:00pm-1:50pm (MTH B0421)
0105 **(35976)** STAFF
MWF 1:00pm-1:50pm (MTH 0307)
0201 **(35980)** STAFF
MWF 2:00pm-2:50pm (MTH 0405)
0202 **(35981)** STAFF
MWF 2:00pm-2:50pm (MTH 0101)
0203 **(35982)** STAFF
MWF 2:00pm-2:50pm (MTH 0106)
0204 **(35983)** STAFF
MWF 2:00pm-2:50pm (MTH B0421)
0205 **(35984)** STAFF
MWF 2:00pm-2:50pm (MTH 1308)
0311 **(35988)** STAFF
MWF 12:00pm-12:50pm (ARM 0131)
Tu 9:00am-9:50am (MTH 0103) Dis
0312 **(35989)** STAFF
MWF 12:00pm-12:50pm (ARM 0131)
Tu 9:00am-9:50am (MTH 1311) Dis
0321 **(35990)** STAFF
MWF 12:00pm-12:50pm (ARM 0131)
Tu 10:00am-10:50am (MTH 0103) Dis
0322 **(35991)** STAFF
MWF 12:00pm-12:50pm (ARM 0131)
Tu 10:00am-10:50am (MTH 1311) Dis
0331 **(35992)** STAFF
MWF 12:00pm-12:50pm (ARM 0131)
Tu 11:00am-11:50am (MTH 0103) Dis
0332 **(35993)** STAFF
MWF 12:00pm-12:50pm (ARM 0131)
Tu 11:00am-11:50am (MTH 1311) Dis
0341 **(35994)** STAFF
MWF 12:00pm-12:50pm (ARM 0131)
Tu 12:00pm-12:50pm (MTH 0103) Dis
0342 **(35995)** STAFF
MWF 12:00pm-12:50pm (ARM 0131)
Tu 12:00pm-12:50pm (MTH 1311) Dis

A student enrolled in MATH A113 for Spring 1998, will have a reserved seat in MATH 113 for the Fall 1998 semester. The enrollment must be confirmed during Fall 1998 advance registration.

MATH113 College Algebra with Applications; (3) REG/P-F/AUD.
Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 002. Not open to students who have completed MATH 140 or MATH 220 or any course for which MATH 140 or MATH 220 is a prerequisite. Credit will be granted for only one of the following: (MATH 110 or MATH 113), or (MATH 113 or MATH 115). All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83.
0101 **(36005)** STAFF
MWF 10:00am-10:50am (MTH 0306)
0102 **(36006)** STAFF
MWF 10:00am-10:50am (MTH 0304)
0103 **(36007)** STAFF
MWF 10:00am-10:50am (MTH 0409)
0104 **(36008)** STAFF
MWF 10:00am-10:50am (MTH B0423)
0105 **(36009)** STAFF
MWF 10:00am-10:50am (MTH B0425)
0201 **(36012)** STAFF
MWF 11:00am-11:50am (MTH 0306)
0202 **(36013)** STAFF
MWF 11:00am-11:50am (MTH 0304)
0203 **(36014)** STAFF
MWF 11:00am-11:50am (MTH 0409)
0204 **(36015)** STAFF
MWF 11:00am-11:50am (MTH B0423)
0205 **(36016)** STAFF
MWF 11:00am-11:50am (MTH B0425)
0301 **(36019)** STAFF
MWF 3:00pm-3:50pm (MTH B0421)
0302 **(36020)** STAFF
MWF 3:00pm-3:50pm (MTH 0306)
0303 **(36021)** STAFF
MWF 3:00pm-3:50pm (MTH 0307)

MATH113 cont'd

0304 **(36022)** STAFF
MWF 3:00pm-3:50pm (MTH 0303)
0305 **(36023)** STAFF
MWF 3:00pm-3:50pm (MTH 0103)
0401 **(36027)** STAFF
MWF 4:00pm-4:50pm (MTH B0421)
0402 **(36028)** STAFF
MWF 4:00pm-4:50pm (MTH 0306)
0403 **(36029)** STAFF
MWF 4:00pm-4:50pm (MTH 0307)
0404 **(36030)** STAFF
MWF 4:00pm-4:50pm (MTH 0303)
0405 **(36031)** STAFF
MWF 4:00pm-4:50pm (MTH 0103)
0511 **(36035)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 8:00am-9:15am (MTH 0409) Dis
0512 **(36036)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 8:00am-9:15am (MTH 1313) Dis
0513 **(36037)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 8:00am-9:15am (MTH 0302) Dis
0521 **(36038)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 9:30am-10:45am (MTH 0409) Dis
0522 **(36039)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 9:30am-10:45am (MTH 1313) Dis
0523 **(36040)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 9:30am-10:45am (MTH 0302) Dis
0531 **(36041)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 11:00am-12:15pm (MTH 0409) Dis
0532 **(36042)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 11:00am-12:15pm (MTH 1313) Dis
0533 **(36043)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 11:00am-12:15pm (MTH 0302) Dis

A student enrolled in MATH A115 Spring 1998, will have a reserved seat in MATH 115 for the Fall 1998 semester. The enrollment must be confirmed during Fall 1998 advanced registration.

MATH115 Precalculus; (3) REG/P-F/AUD. *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 002 with a grade of B or better, or MATH 113. Not open to students who have completed MATH 140 or any MATH or STAT course for which MATH 140 is a prerequisite. Credit will be granted for only one of the following: MATH 113 or MATH 115.* Preparation for MATH 220 or MATH 140. All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83.
0101 **(36053)** STAFF
MWF 8:00am-8:50am (MTH 0101)
0102 **(36054)** STAFF
MWF 8:00am-8:50am (MTH 0407)
0103 **(36055)** STAFF
MWF 8:00am-8:50am (MTH 0405)
0104 **(36056)** STAFF
MWF 8:00am-8:50am (MTH 0306)
0105 **(36057)** STAFF
MWF 8:00am-8:50am (MTH 0304)
0201 **(36059)** STAFF
MWF 9:00am-9:50am (MTH 0101)
0202 **(36060)** STAFF
MWF 9:00am-9:50am (MTH 0407)
0203 **(36061)** STAFF
MWF 9:00am-9:50am (MTH 0405)
0204 **(36062)** STAFF
MWF 9:00am-9:50am (MTH 0306)
0205 **(36063)** STAFF
MWF 9:00am-9:50am (MTH 0304)
0301 **(36065)** STAFF
MWF 3:00pm-3:50pm (MTH 0101)
0302 **(36066)** STAFF
MWF 3:00pm-3:50pm (MTH 0407)
0401 **(36069)** STAFF
MWF 4:00pm-4:50pm (MTH 0101)
0402 **(36070)** STAFF
MWF 4:00pm-4:50pm (MTH 0407)
0711 **(36073)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 8:00am-9:15am (MTH 0409) Dis
0712 **(36074)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 8:00am-9:15am (MTH 1313) Dis
0713 **(36075)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 8:00am-9:15am (MTH 0302) Dis
0721 **(36076)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 9:30am-10:45am (MTH 0409) Dis
0722 **(36077)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 9:30am-10:45am (MTH 1313) Dis
0723 **(36078)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 9:30am-10:45am (MTH 0302) Dis
0731 **(36079)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 11:00am-12:15pm (MTH 0409) Dis
0732 **(36080)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 11:00am-12:15pm (MTH 1313) Dis
0733 **(36081)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 11:00am-12:15pm (MTH 0302) Dis

MATH115+ Precalculus; (3) REG/P-F/AUD. *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 002 with a grade of B or better, or MATH 113. Not open to students who have completed MATH 140 or any MATH or STAT course for which MATH 140 is a prerequisite. Credit will be granted for only one of the following: MATH 113 or MATH 115.* Restricted to students in a First Year Focus Cluster.
0721 **(36083)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 9:30am-10:45am (MTH 0409) Dis
0722 **(36084)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 9:30am-10:45am (MTH 1313) Dis
0731 **(36082)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 11:00am-12:15pm (MTH 0409) Dis
0732 **(36085)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 11:00am-12:15pm (MTH 1313) Dis

A student enrolled in MATH A140 Spring 1998, will have a reserved seat in MATH 140 for the Fall 1998 semester. The enrollment must be confirmed during Fall 1998 advanced registration.

MATH140 Calculus I; (4) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and a satisfactory score on the mathematics placement exam, or MATH 115 with a grade of C or better. Credit will be granted for only one of the following: MATH 140 or MATH 220.* All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83. Emphasis on student interaction in groups, including team approach to solving calculus based problems. There will be 3 one-hour lectures and 2 eighty-minute workshops each week with enhanced assistance and support for students.
0111 **(36091)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0403) Dis
0112 **(36092)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0106) Dis
0113 **(36093)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 1308) Dis
0121 **(36095)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0403) Dis
0122 **(36096)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0106) Dis
0123 **(36097)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 1308) Dis
0131 **(36099)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0403) Dis
0132 **(36100)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0106) Dis
0211 **(36101)** Adams, J.
MWF 10:00am-10:50am (ARM 0135)
TuTh 8:00am-9:20am (MTH 0102) Dis
0212 **(36102)** Adams, J.
MWF 10:00am-10:50am (ARM 0135)
TuTh 8:00am-9:20am (MTH 0303) Dis
0213 **(36103)** Adams, J.
MWF 10:00am-10:50am (ARM 0135)
TuTh 8:00am-9:20am (MTH 0304) Dis
0221 **(36105)** Adams, J.
MWF 10:00am-10:50am (ARM 0135)
TuTh 9:30am-10:50am (MTH 0102) Dis
0222 **(36106)** Adams, J.
MWF 10:00am-10:50am (ARM 0135)
TuTh 9:30am-10:50am (MTH 0303) Dis
0223 **(36107)** Adams, J.
MWF 10:00am-10:50am (ARM 0135)
TuTh 9:30am-10:50am (MTH 0304) Dis
0231 **(36109)** Adams, J.
MWF 10:00am-10:50am (ARM 0135)
TuTh 11:00am-12:20pm (MTH 0102) Dis
0232 **(36110)** Adams, J.
MWF 10:00am-10:50am (ARM 0135)
TuTh 11:00am-12:20pm (MTH 0303) Dis
0311 **(36111)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0304) Dis
0312 **(36112)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0411) Dis
0321 **(36113)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0304) Dis
0322 **(36114)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0411) Dis
0323 **(36115)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0303) Dis
0331 **(36117)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0304) Dis
0332 **(36118)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0411) Dis
0333 **(36119)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0303) Dis
0411 **(36121)** Wolfe, P.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0305) Dis
0412 **(36122)** Wolfe, P.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0104) Dis
0421 **(36123)** Wolfe, P.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0305) Dis
0422 **(36124)** Wolfe, P.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0104) Dis
0423 **(36125)** Wolfe, P.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0106) Dis
0431 **(36127)** Wolfe, P.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0305) Dis
0432 **(36128)** Wolfe, P.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0104) Dis
0433 **(36129)** Wolfe, P.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0106) Dis

MATH140+ Calculus I; (4) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and a satisfactory score on the mathematics placement exam, or MATH 115 with a grade of C or better. Credit will be granted for only one of the following: MATH 140 or MATH 220.* Restricted to students in a First Year Focus Cluster.
0221 **(36131)** Adams, J.
MWF 10:00am-10:50am (ARM 0135)
TuTh 9:30am-10:50am (MTH 0102) Dis
0311 **(36133)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0304) Dis
0312 **(36132)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0411) Dis
0323 **(36134)** Berg, K.
MWF 11:00am-11:50am (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0303) Dis

MATH140H Calculus I; (4) REG/P-F/AUD. CORE: MS *Prerequisite: permission of departmeni based on 3 1/2 years of college preparatory mathematics (including trigonometry) and a satisfactory score on the mathematics placement exam, or MATH 115 with a grade of C or better. Credit will be granted for only one of the following: MATH 140 or MATH 220.* For general honors students only. Offered fall only.
2011 **(36140)** Grillakis, M.
M 12:00pm-1:50pm (MTH 0105)
WF 1:00pm-1:50pm (MTH 0105)
2021 **(36141)** Kueker, D.
MF 1:00pm-1:50pm (MTH 0305)
W 12:00pm-1:50pm (MTH 0305)
2031 **(36142)** Sather, J.
MF 10:00am-10:50am (MTH 0103)
W 9:00am-10:50am (MTH 0103)

MATH141 Calculus II; (4) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.* All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83 calculator
0111 **(36152)** Grove, K.
MWF 9:00am-9:50am (ARM 0131)
TuTh 8:00am-8:50am (MTH 0405) Dis
0121 **(36154)** Grove, K.
MWF 9:00am-9:50am (ARM 0131)
TuTh 9:00am-9:50am (MTH 0405) Dis
0131 **(36156)** Grove, K.
MWF 9:00am-9:50am (ARM 0131)
TuTh 10:00am-10:50am (MTH 0405) Dis
0132 **(36157)** Grove, K.
MWF 9:00am-9:50am (ARM 0131)
TuTh 10:00am-10:50am (MTH 0105) Dis
0141 **(36158)** Grove, K.
MWF 9:00am-9:50am (ARM 0131)
TuTh 11:00am-11:50am (MTH 0405) Dis
0142 **(36159)** Grove, K.
MWF 9:00am-9:50am (ARM 0131)
TuTh 11:00am-11:50am (MTH 0105) Dis
0211 **(36160)** Johnson, R.
MWF 11:00am-11:50am (ARM 0135)
TuTh 8:00am-8:50am (MTH 0306) Dis
0221 **(36162)** Johnson, R.
MWF 11:00am-11:50am (ARM 0135)
TuTh 9:00am-9:50am (MTH 0306) Dis
0231 **(36164)** Johnson, R.
MWF 11:00am-11:50am (ARM 0135)
TuTh 10:00am-10:50am (MTH 0306) Dis
0232 **(36165)** Johnson, R.
MWF 11:00am-11:50am (ARM 0135)
TuTh 10:00am-10:50am (MTH 0401) Dis
0241 **(36166)** Johnson, R.
MWF 11:00am-11:50am (ARM 0135)
TuTh 11:00am-11:50am (MTH 0306) Dis
0242 **(36167)** Johnson, R.
MWF 11:00am-11:50am (ARM 0135)
TuTh 11:00am-11:50am (MTH 0401) Dis
0311 **(36168)** Ellis, R.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 12:00pm-12:50pm (MTH 0405) Dis
0312 **(36169)** Ellis, R.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 12:00pm-12:50pm (MTH 0306) Dis
0321 **(36170)** Ellis, R.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 1:00pm-1:50pm (MTH 0405) Dis
0322 **(36171)** Ellis, R.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 1:00pm-1:50pm (MTH 0306) Dis
0331 **(36172)** Ellis, R.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 2:00pm-2:50pm (MTH 0405) Dis
0341 **(36174)** Ellis, R.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 3:00pm-3:50pm (MTH 0405) Dis

MATH141H Calculus II; (4) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.* For general honors students only. TI graphics calculator required. Instructor will use a TI-82 or TI-83 calculator.
2011 **(36185)** Pego, R.
M 1:00pm-1:50pm (MTH 0302)
W 12:00pm-1:50pm (MTH 0302)
F 12:00pm-12:50pm (MTH 0302)
2111 **(36186)** Antman, S.
MW 2:00pm-2:50pm (MTH 0302)
F 1:00pm-2:50pm (MTH 0302)

MATH210 Elements of Mathematics; (4) REG/P-F/AUD. *Prerequisite: one year of college preparatory algebra. Required for majors in elementary education, and open only to students in this field.* MATH 210 is open only to the following majors: 08230-Educ Early Childhood, 0823X-Pre-Early Childhood Educ, 08020-Educ Elem, 0802X-Pre Elem Educ, 0808B-Spec Educ, 0808X-Prespecial Educ.
0101 **(36196)** STAFF
MW 8:00am-8:50am (MTH 0409)
F 8:00am-9:50am (MTH 0409)
0201 **(36197)** STAFF
MF 9:00am-9:50am (MTH 0103)
Th 8:00am-9:50am (MTH 0103)
0301 **(36198)** STAFF
MTh 11:00am-11:50am (MTH B0427)
W 11:00am-12:50pm (MTH B0427)
0401 **(36199)** STAFF
MF 12:00pm-12:50pm (MTH B0425)
W 12:00pm-1:50pm (MTH B0425)
0501 **(36200)** STAFF
MF 12:00pm-12:50pm (JMP 3104)
W 12:00pm-1:50pm (JMP 3104)

MATH211 Elements of Geometry; (4) REG/P-F/AUD. *Prerequisite: MATH 210.*
0101 **(36209)** STAFF
MF 1:00pm-1:50pm (MTH B0423)
W 12:00pm-1:50pm (MTH B0423)
0201 **(36210)** STAFF
MW 1:00pm-1:50pm (MTH B0427)
Th 1:00pm-2:50pm (MTH B0427)
0301 **(36211)** STAFF
MF 1:00pm-1:50pm (MTH B0425)
Tu 1:00pm-2:50pm (MTH B0427)

A student enrolled in MATH A220 Spring 1998, will have a reserved seat in MATH 220 for the Fall 1998 semester. The enrollment must be confirmed during Fall 1998 advance registration.

MATH220 Elementary Calculus I; (3) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam, or MATH 113, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 140 or MATH 220.*
0111 **(36221)** Zedek, M.
MWF 9:00am-9:50am (ARM 0126)
Tu 8:00am-8:50am (MTH 0307) Dis
0112 **(36222)** Zedek, M.
MWF 9:00am-9:50am (ARM 0126)
Tu 8:00am-8:50am (MTH 0407) Dis
0121 **(36223)** Zedek, M.
MWF 9:00am-9:50am (ARM 0126)
Tu 9:00am-9:50am (MTH 0307) Dis
0122 **(36224)** Zedek, M.
MWF 9:00am-9:50am (ARM 0126)
Tu 9:00am-9:50am (MTH 0407) Dis
0131 **(36225)** Zedek, M.
MWF 9:00am-9:50am (ARM 0126)
Tu 10:00am-10:50am (MTH 0307) Dis
0132 **(36226)** Zedek, M.
MWF 9:00am-9:50am (ARM 0126)
Tu 10:00am-10:50am (MTH 0407) Dis
0141 **(36227)** Zedek, M.
MWF 9:00am-9:50am (ARM 0126)
Tu 11:00am-11:50am (MTH 0307) Dis
0142 **(36228)** Zedek, M.
MWF 9:00am-9:50am (ARM 0126)
Tu 11:00am-11:50am (MTH 0407) Dis
0211 **(36229)** Sweet, D.
MWF 10:00am-10:50am (ARM 0126)
Th 8:00am-8:50am (MTH 0307) Dis
0212 **(36230)** Sweet, D.
MWF 10:00am-10:50am (ARM 0126)
Th 8:00am-8:50am (MTH 0407) Dis
0221 **(36231)** Sweet, D.
MWF 10:00am-10:50am (ARM 0126)
Th 9:00am-9:50am (MTH 0307) Dis
0222 **(36232)** Sweet, D.
MWF 10:00am-10:50am (ARM 0126)
Th 9:00am-9:50am (MTH 0407) Dis
0231 **(36233)** Sweet, D.
MWF 10:00am-10:50am (ARM 0126)
Th 10:00am-10:50am (MTH 0307) Dis
0232 **(36234)** Sweet, D.
MWF 10:00am-10:50am (ARM 0126)
Th 10:00am-10:50am (MTH 0407) Dis
0241 **(36235)** Sweet, D.
MWF 10:00am-10:50am (ARM 0126)
Th 11:00am-11:50am (MTH 0307) Dis
0242 **(36236)** Sweet, D.
MWF 10:00am-10:50am (ARM 0126)
Th 11:00am-11:50am (MTH 0407) Dis
0311 **(36237)** Adams, W.
TuTh 9:30am-10:45am (ARM 0126)
M 8:00am-8:50am (MTH 0403) Dis
0312 **(36238)** Adams, W.
TuTh 9:30am-10:45am (ARM 0126)
M 8:00am-8:50am (MTH 0106) Dis
0321 **(36239)** Adams, W.
TuTh 9:30am-10:45am (ARM 0126)
M 9:00am-9:50am (MTH 0403) Dis
0322 **(36240)** Adams, W.
TuTh 9:30am-10:45am (ARM 0126)
M 9:00am-9:50am (MTH 0106) Dis
0331 **(36241)** Adams, W.
TuTh 9:30am-10:45am (ARM 0126)
M 10:00am-10:50am (MTH 0403) Dis
0341 **(36243)** Adams, W.
TuTh 9:30am-10:45am (ARM 0126)
M 11:00am-11:50am (MTH 0403) Dis
0411 **(36245)** Goldberg, S.
TuTh 12:30pm-1:45pm (ARM 0126)
W 8:00am-8:50am (MTH 0403) Dis
0412 **(36246)** Goldberg, S.
TuTh 12:30pm-1:45pm (ARM 0126)
W 8:00am-8:50am (MTH 0106) Dis
0421 **(36247)** Goldberg, S.
TuTh 12:30pm-1:45pm (ARM 0126)
W 9:00am-9:50am (MTH 0403) Dis
0422 **(36248)** Goldberg, S.
TuTh 12:30pm-1:45pm (ARM 0126)
W 9:00am-9:50am (MTH 0106) Dis
0431 **(36249)** Goldberg, S.
TuTh 12:30pm-1:45pm (ARM 0126)
W 10:00am-10:50am (MTH 0403) Dis
0441 **(36251)** Goldberg, S.
TuTh 12:30pm-1:45pm (ARM 0126)
W 11:00am-11:50am (MTH 0403) Dis

MATH221 Elementary Calculus II; (3) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 220, or MATH 140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 141 or MATH 221.*
0111 **(36262)** Washington, L.
TuTh 12:30pm-1:45pm (ARM 0135)
M 12:00pm-12:50pm (MTH 0403) Dis
0112 **(36263)** Washington, L.
TuTh 12:30pm-1:45pm (ARM 0135)
M 12:00pm-12:50pm (MTH 0306) Dis
0121 **(36264)** Washington, L.
TuTh 12:30pm-1:45pm (ARM 0135)
M 1:00pm-1:50pm (MTH 0403) Dis
0122 **(36265)** Washington, L.
TuTh 12:30pm-1:45pm (ARM 0135)
M 1:00pm-1:50pm (MTH 0306) Dis
0131 **(36266)** Washington, L.
TuTh 12:30pm-1:45pm (ARM 0135)
M 2:00pm-2:50pm (MTH 0403) Dis
0141 **(36267)** Washington, L.
TuTh 12:30pm-1:45pm (ARM 0135)
M 3:00pm-3:50pm (MTH 0403) Dis
0211 **(36268)** Greenberg, L.
TuTh 2:00pm-3:15pm (ARM 0135)
W 12:00pm-12:50pm (MTH 0403) Dis
0221 **(36270)** Greenberg, L.
TuTh 2:00pm-3:15pm (ARM 0135)
W 1:00pm-1:50pm (MTH 0403) Dis
0231 **(36272)** Greenberg, L.
TuTh 2:00pm-3:15pm (ARM 0135)
W 2:00pm-2:50pm (MTH 0403) Dis
0241 **(36273)** Greenberg, L.
TuTh 2:00pm-3:15pm (ARM 0135)
W 3:00pm-3:50pm (MTH 0403) Dis

MATH240 Introduction to Linear Algebra; (4) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 141 or equivalent. Credit will be granted for only one of the following: MATH 240 or MATH 400 or MATH 461.*
0111 **(36283)** Lay, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 12:00pm-12:50pm (MTH 0105) Dis
0112 **(36284)** Lay, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 12:00pm-12:50pm (MTH 0307) Dis
0121 **(36285)** Lay, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 1:00pm-1:50pm (MTH 0105) Dis
0122 **(36286)** Lay, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 1:00pm-1:50pm (MTH 0307) Dis
0131 **(36287)** Lay, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 2:00pm-2:50pm (MTH 0105) Dis
0141 **(36288)** Lay, D.
MWF 2:00pm-2:50pm (ARM 0126)
TuTh 3:00pm-3:50pm (MTH 0105) Dis

MATH241 Calculus III; (4) REG/P-F/AUD. *Prerequisites: MATH 141 and any one of the following: MATH 240 or ENES 102 or PHYS 161 or PHYS 171.*
1411 **(36298)** Hamilton, D.
MWF 10:00am-10:50am (ARM 0131)
TuTh 12:00pm-12:50pm (MTH 0407) Dis
1421 **(36299)** Hamilton, D.
MWF 10:00am-10:50am (ARM 0131)
TuTh 1:00pm-1:50pm (MTH 0407) Dis
1431 **(36301)** Hamilton, D.
MWF 10:00am-10:50am (ARM 0131)
TuTh 2:00pm-2:50pm (MTH 0407) Dis
1441 **(36303)** Hamilton, D.
MWF 10:00am-10:50am (ARM 0131)
TuTh 3:00pm-3:50pm (MTH 0407) Dis
1601 **(36305)** Helzer, G.
MWF 9:00am-9:50am (MTH 1311)
Th 8:30am-9:20am (EGR 3140)
1701 **(36306)** Neri, U.
MW 10:00am-10:50am (MTH 0105)
F 9:00am-10:50am (MTH 0105)
1801 **(36307)** Green, P.
MWF 10:00am-10:50am (MTH 1311)
Tu 1:00pm-1:50pm (CSS 1410)
1901 **(36308)** Winkelnkemper, H.
MF 11:00am-11:50am (MTH 0105)
W 11:00am-12:50pm (MTH 0105)
2001 **(36309)** Rosenberg, J.
MWF 12:00pm-12:50pm (MTH 1311)
Th 11:00am-11:50am (EGR 3140)
2101 **(36310)** Coombes, K.
MWF 11:00am-11:50am (MTH 1311)
Tu 11:00am-11:50am (EGR 3140)
2201 **(36311)** Adams, W.
TuTh 3:30pm-4:45pm (MTH 0304)
W 4:00pm-4:50pm (MTH 0304)
2301 **(36312)** Benedetto, J.
TuTh 12:30pm-1:45pm (MTH 1308)
W 12:00pm-12:50pm (MTH 1308)

MATH241H Calculus III; (4) REG/P-F/AUD. *Prerequisites: MATH 141 and any one of the following: MATH 240 or ENES 102 or PHYS 161 or PHYS 171.* For general honors students only.
2011 **(36321)** Cooper, J.
M 11:00am-12:50pm (MTH 0305)
WF 11:00am-11:50am (MTH 0305)

MATH246 Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or equivalent.*
0101 **(36331)** Dancis, J.
MWF 1:00pm-1:50pm (EGR 0108)
0201 **(36332)** Chu, H.
MWF 10:00am-10:50am (MTH 0101)
0301 **(36333)** Jakobson, M.
MWF 12:00pm-12:50pm (MTH 0409)
0501 **(36334)** Millson, J.
TuTh 9:30am-10:45am (MTH B0421)
0601 **(36335)** Schafer, J.
TuTh 11:00am-12:15pm (MTH B0421)

MATH246E Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or equivalent.* Restricted to students in the College of Engineering.
0401 **(36345)** Lipsman, R.
MWF 2:00pm-2:50pm (MTH 0306)
0701 **(36346)** Nochetto, R.
MWF 9:00am-9:50am (MTH 1313)
0801 **(36347)** Glaz, H.
MWF 12:00pm-12:50pm (MTH 0411)
0901 **(36348)** Osborn, J.
TuTh 8:00am-9:15am (MTH B0421)

MATH246H Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or equivalent.*
2011 **(36358)** Brin, M.
MWF 11:00am-11:50am (MTH 1308)

MATH299A *(PermReq)* **Selected Topics in Mathematics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH299B Selected Topics in Mathematics: Putnam Express; (1) REG/P-F/AUD.
0101 **(36920)** Hunt, B.
Time and room to be arranged

MATH310 Introduction to Analysis; (3) REG. *Prerequisite: MATH 141. Corequisite: MATH 241. Math majors may not use this course to satisfy an upper-level requirement.*
0101 **(36372)** Kudla, S.
MWF 12:00pm-12:50pm (MTH 0103)

MATH350 *(PermReq)* **Analysis I (Honors); (4)** REG/P-F/AUD. CORE: MS *Prerequisite: permission of department. Credit will be granted for only one of the following: MATH 350 or MATH 250. Formerly MATH 250.*
0101 **(36382)** Boyle, M.
M 11:00am-12:50pm (MTH 0302)
WF 11:00am-11:50am (MTH 0302)

MATH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

MATH401 Applications of Linear Algebra; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or MATH 461.*
0101 **(36394)** Dancis, J.
MWF 9:00am-9:50am (MTH 0307)
0201 **(36395)** Helzer, G.
MWF 10:00am-10:50am (MTH 0405)
0301 **(36396)** Winkelnkemper, H.
MWF 2:00pm-2:50pm (MTH 0103)
0401 **(36397)** Von Petersdorff, T.
TuTh 9:30am-10:45am (MTH 0104)

MATH402 Algebraic Structures; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or equivalent. Not open to mathematics graduate students. Credit will be granted for only one of the following: MATH 402 or MATH 403.* Students planning graduate work in mathematics should take MATH 403.
0201 **(36408)** Washington, L.
TuTh 3:30pm-4:45pm (MTH 0403)

MATH403 Introduction to Abstract Algebra; (3) REG/P-F/AUD. *Prerequisites: MATH 240 and MATH 241, or equivalent. Credit will be granted for only one of the following: MATH 402 or MATH 403.*
0101 **(36418)** Kudla, S.
MWF 10:00am-10:50am (MTH 0305)

MATH405 Linear Algebra; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or MATH 461.*
0101 **(36428)** STAFF
MWF 11:00am-11:50am (MTH 1313)

MATH406 Introduction to Number Theory; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or permission of department.*
0101 **(36438)** Auslander, J.
MWF 11:00am-11:50am (MTH 0411)
0201 **(36439)** Cooper, D.
MWF 2:00pm-2:50pm (MTH B0425)

MATH410 *(PermReq)* **Advanced Calculus I; (3)** REG/P-F/AUD. *Prerequisites: MATH 240 and MATH 241 with a grade of C or better. Not open to students who have completed MATH 250.*
0101 **(36449)** Sweet, D.
MWF 8:00am-8:50am (MTH B0421)
0201 **(36450)** Sather, J.
MWF 12:00pm-12:50pm (MTH 0102)

MATH411 *(PermReq)* **Advanced Calculus II; (3)** REG/P-F/AUD. *Prerequisite: MATH 410. Not open to students who have completed MATH 250 and MATH 251.*
0101 **(36460)** Machedon, M.
MWF 9:00am-9:50am (MTH 1308)

MATH430 Euclidean and Non-Euclidean Geometries; (3) REG/P-F/AUD. *Prerequisite: MATH 141.*
0101 **(36470)** Fey, J.
TuTh 9:30am-10:45am (MTH 0201)

MATH436 Differential Geometry of Curves and Surfaces I; (3) REG/P-F/AUD. *Prerequisites: MATH 241; and either MATH 240 or MATH 461.*
0101 **(36480)** Schwartz, R.
MWF 1:00pm-1:50pm (MTH 0107)

MATH447 Introduction to Mathematical Logic; (3) REG/P-F/AUD. *Prerequisite: MATH 403 or MATH 410.*
0101 **(36491)** Laskowski, M.
TuTh 11:00am-12:15pm (MTH 0107)

MATH450 Logic for Computer Science; (3) REG/P-F/AUD. *Prerequisites: (CMSC 251 and MATH 141) (with grade of C or better). Also offered as CMSC 450. Credit will be granted for only one of the following: MATH 445 or MATH 450/CMSC 450.*
0101 **(36500)** Lopez-Escobar, E.
MWF 10:00am-10:50am (MTH 0411)

MATH461 Linear Algebra for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisites: MATH 141 and one MATH/STAT course for which MATH 141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH 240, MATH 400 or MATH 461.*
0101 **(36510)** Glaz, H.
MWF 10:00am-10:50am (MTH 0407)
0201 **(36511)** Wolfe, P.
MWF 11:00am-11:50am (MTH 0102)
0301 **(36512)** Nochetto, R.
MWF 12:00pm-12:50pm (MTH 0201)
0401 **(36513)** Neri, U.
MWF 1:00pm-1:50pm (MTH 0409)
0501 **(36514)** Lee, T.
TuTh 12:30pm-1:45pm (MTH 0101)

MATH462 Partial Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisites: MATH 241; and MATH 246. Credit will be granted for only one of the following: MATH 462 or MATH 415.* Section 0301 will be taught jointly by C. Grebogi and B. Hunt.
0101 **(36524)** Cooper, J.
MWF 9:00am-9:50am (MTH B0421)

MATH463 Complex Variables for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 241 or equivalent.*
0101 **(36534)** Chu, H.
MWF 8:00am-8:50am (MTH 0103)
0201 **(36535)** Zedek, M.
MWF 11:00am-11:50am (MTH 0307)
0301 **(36536)** Cohen, J.
MWF 12:00pm-12:50pm (MTH 0104)

MATH478A *(PermReq)* **Selected Topics For Teachers of Mathematics; (1-3).**REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117.

MATH498A *(PermReq)* **Selected Topics in Mathematics; (1-9)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH498E Selected Topics in Mathematics: Actuarial Exam Seminar; (1) REG/P-F/AUD. Prerequisites: MATH 240 and MATH 241.
0101 **(51685)** Slud, E.
M 2:00pm-2:50pm (MTH B0429)

MATH600 Abstract Algebra I; (3) REG/AUD. *Prerequisite: MATH 405 or equivalent.* Offered fall only.
0101 **(36587)** Adams, J.
MWF 11:00am-11:50am (MTH 0104)

MATH606 Algebraic Geometry I; (3) REG/AUD. *Prerequisite: MATH 600 and MATH 601.*
0101 **(36597)** Coombes, K.
MWF 1:00pm-1:50pm (MTH 0102)

MATH608A Selected Topics in Algebra; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH630 Real Analysis I; (3) REG/AUD. *Prerequisite: MATH 411 or equivalent.*
0101 **(36627)** Goldberg, S.
TuTh 9:30am-10:45am (MTH B0425)

MATH642 Dynamical Systems I; (3) REG/AUD. *Prerequisites: MATH 432; and MATH 630 or equivalent.* Offered fall only.
0101 **(36647)** Iozzi, A.
MWF 1:00pm-1:50pm (MTH 0104)

MATH648A Selected Topics in Analysis; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH648B Selected Topics in Analysis: Wavelet Theory and Applications; (3) REG/AUD.
0201 **(36689)** Benedetto, J.
TuTh 9:30am-10:45am (MTH B0427)

MATH648G Selected Topics in Analysis: Sturm Liouville Problems; (3) REG/AUD. Also offered as MAPL 698G.
0201 **(36699)** Greenberg, L.
TuTh 12:30pm-1:45pm (MTH 0107)

MATH648J Selected Topics in Analysis: Linear Functional Analysis; (3) REG/AUD.
0101 **(36700)** Johnson, R.
MWF 9:00am-9:50am (MTH 0107)

MATH660 Complex Analysis I; (3) REG/AUD. *Prerequisite: MATH 410 or equivalent.*
0101 **(36709)** Machedon, M.
MWF 12:00pm-12:50pm (MTH 0107)

MATH668A Selected Topics in Complex Analysis; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH668B Selected Topics in Complex Analysis: Complex Dynamics; (3) REG/AUD.
0201 **(36919)** Hamilton, D.
MWF 2:00pm-2:50pm (MTH B0431)

MATH670 Ordinary Differential Equations I; (3) REG/AUD. *Prerequisites: MATH 405; and MATH 410 or the equivalent. Also offered as MAPL 670.* Offered fall only.
0101 **(36723)** Jakobson, M.
MWF 2:00pm-2:50pm (MTH B0423)

MATH673 Partial Differential Equations I; (3) REG/AUD. *Prerequisite: MATH 411 or equivalent. Also offered as MAPL 673. Credit will be granted for only one of the following: MATH 673 or MAPL 673.* Offered fall only.
0101 **(36733)** Pego, R.
TuTh 5:00pm-6:15pm (MTH 0303)

MATH695 Teaching Seminar; (1) REG. *For MATH majors only.*
0101 **(36743)** Lay, D.
TuTh 3:30pm-5:00pm (MTH 0307)

MATH712 Mathematical Logic I; (3) REG/AUD. Offered fall only.
0101 **(36753)** Kueker, D.
MWF 10:00am-10:50am (MTH 0102)

MATH715 Topics in Model Theory; (3) REG/AUD. *Prerequisite: MATH 712.*
0101 **(36763)** Laskowski, M.
TuTh 12:30pm-1:45pm (MTH B0425)

MATH718A Selected Topics in Mathematical Logic; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH730 Fundamental Concepts of Topology; (3) REG/AUD. *Prerequisites: [MATH 410; and MATH 411; and MATH 403] or equivalent.*
0101 **(36777)** Rosenberg, J.
MWF 9:00am-9:50am (MTH 0401)

MATH740 Riemannian Geometry; (3) REG/AUD. *Prerequisites: [MATH 405; and MATH 411] or equivalent.*
0101 **(36787)** Schwartz, R.
MWF 10:00am-10:50am (MTH 0104)

MATH748A Selected Topics in Geometry and Topology; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH748B Selected Topics in Geometry and Topology; (3) REG/AUD.
0201 **(36810)** Schafer, J.
TuTh 2:00pm-3:15pm (MTH 0107)

MATH748C Selected Topics in Geometry and Topology: Elementary Topology of Knots and Braids: Polynomial Invariants; (3) REG/AUD.
0101 **(36820)** Novikov, S.
MWF 2:00pm-2:50pm (MTH 0102)

MATH799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MATH899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MEES Marine-Estuarine-Environmental Sciences (Life Sciences)

MEES608B Seminar in Marine-Estuarine-Environmental Sciences: Current Topics in Aquatic Toxicology; (1) REG/AUD. Course is taught at the Chesapeake Biological Laboratory.
0101 **(37075)** Haasch, M.
M 3:30pm-4:30pm (Arranged)

MEES608C Seminar in Marine-Estuarine-Environmental Sciences: History of Fisheries Science; (1) REG/AUD. Course is taught at the Chesapeake Biological Laboratory.
0101 **(37085)** Secor, D.
W 3:00pm-4:00pm (Arranged)

MEES608J Seminar in Marine-Estuarine-Environmental Sciences: Incorporating Scale in the Design and Interpretation of Environmental Research; (1) REG. Course is taught at the Horn Point Laboratory and on the Interactive Video Network.
0101 **(37086)** Kennedy, V.
W 3:30pm-4:30pm (SKN 0101)

MEES608P Seminar in Marine-Estuarine-Environmental Sciences: Behavioral Ecology and Conservation Biology; (1) REG. Course is taught at the Appalachian Laboratory, Frostburg.
0101 **(37105)** Mc Kaye, K.
Time and room to be arranged

MEES608R Seminar in Marine-Estuarine-Environmental Sciences: Spatial Ecology; (1) REG. Course is taught at the Appalachian Laboratory, Frostburg, MD.
0101 **(37106)** Gardner, R.
Th 4:00pm-5:00pm (Arranged)

MEES641 Environmental Toxicology; (3) REG/AUD. *Prerequisite: CHEM 243.*
0101 **(37115)** Nelson, J.
TuTh 9:30am-10:45am (PLS 1172)

MEES645 Ecology and Management of Wetland and Submersed Aquatic Vegetation Systems; (3) REG. *Prerequisite: (PBIO 440 and PBIO 455) or permission of instructor.* Course is taught at the Horn Point Laboratory and on the Interactive Video Network.
0101 **(37125)** Koch, E.
Tu 8:30am-10:30am (SKN 0101)
Tu 10:30am-5:00pm (Arranged) Lab

MEES650 Wetland Ecology; (3) REG. *Prerequisite: BIOM 301 or permission of department. Also offered as NRMT 450. Credit will be granted for only one of the following: MEES 650 or NRMT 450.*
0101 **(37175)** Baldwin, A.
Tu 11:00am-11:50am (ANS 0402)
Th 9:00am-12:50pm (ANS 0402)

MEES661 Physics of Estuarine and Marine Environments; (3) REG/AUD. *Prerequisite: one year of calculus and one year of physics or permission of instructor.* Course is taught at the Horn Point Laboratory and on the Interactive Video Network.
0101 **(37135)** Boicourt, W.
MW 1:30pm-3:30pm (SKN 0101)
F 1:00pm-2:00pm (SKN 0101) Dis

MEES682 *(PermReq)* **Fishery Science and Management; (3)** REG. *Prerequisite: permission of instructor.* Course is taught at the Chesapeake Biological Laboratory and on the Interactive Video Network.
0101 **(37145)** Houde, E.
Th 9:00am-12:00pm (SKN 0101)

MEES698C Special Topics in Marine-Estuarine-Environmental Sciences: Fisheries Techniques and Chesapeake Bay Fishes; (3) REG/AUD. Course is taught at the Chesapeake Biological Laboratory.
0101 **(37155)** Secor, D.
M 9:00am-4:00pm (Arranged)

MEES698E Special Topics in Marine-Estuarine-Environmental Sciences: Natural History and Ecology of the Chesapeake Bay; (2) REG. Course is taught at the Chesapeake Biological Laboratory and on the Interactive Video Network.
0101 **(37165)** Mihursky, J.
Th 3:00pm-5:00pm (SKN 0101)

MEES698F *(PermReq)* **Special Topics in Marine-Estuarine-Environmental Sciences: Phycology; (3)** REG. Permission of instructor required.
0101 **(51671)** Terlizzi, D.
W 9:00am-12:00pm (TLF 1101)

MEES698L Special Topics in Marine-Estuarine-Environmental Sciences: Environmental Geochemistry I; (3) REG/AUD. Course is taught at the Chesapeake Biological Laboratory and on the Interactive Video Network.
0101 **(37185)** Baker, J.
MW 12:00pm-1:30pm (SKN 0101)

MEES698M Special Topics in Marine-Estuarine-Environmental Sciences: Biogeochemistry; (3) REG. Course is taught at the Appalachian Laboratory and on the Interactive Video Network.
0101 **(37195)** Castro, M.
MW 10:00am-11:30am (SKN 0101)

MEES698Q Special Topics in Marine-Estuarine-Environmental Sciences: Aquatic Ecology; (3) REG/AUD. Course is taught at the Appalachian Laboratory and on the Interactive Video Network.
0101 **(37205)** Morgan, R.
TuTh 12:00pm-1:30pm (SKN 0101)

MEES698R Special Topics in Marine-Estuarine-Environmental Sciences: Ecosystem Ecology; (3) REG/AUD. Course is taught on the Interactive Video Network.
0101 **(37215)** Seagle, S.
TuTh 1:30pm-3:00pm (SKN 0101)

MEES698S Special Topics in Marine-Estuarine-Environmental Sciences: Dynamic Modeling of Ecological and Economic Systems; (3) REG/AUD. Course is taught on the Interactive Video Network. Crosslisted with ZOOL 708U.
0101 **(51787)** Costanza, R.
F 2:00pm-5:00pm (SKN 0101)

MEES699 *(PermReq)* **Special Problems in Marine-Estuarine-Environmental Sciences; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MEES799 Masters Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MEES899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

METO Meteorology (Computer, Mathematical and Physical Sciences)

METO200 Weather and Climate; (3) REG/P-F/AUD. CORE: PS *Prerequisites: MATH 110 or MATH 115. Recommended as a corequisite: METO 201.*
0101 **(37606)** Hudson, R.
TuTh 12:30pm-1:45pm (CSS 1113)
W 2:00pm-2:50pm (CSS 2416) Dis

METO200 cont'd

0102 **(37607)** Hudson, R.
TuTh 12:30pm-1:45pm (CSS 1113)
W 3:00pm-3:50pm (CSS 2428) Dis

METO201 Weather and Climate Laboratory; (1) REG/P-F/AUD. CORE: PL *Corequisite: METO 200.*
0101 **(37608)** Hudson, R.
Tu 2:30pm-4:30pm (CSS 3426) Lab
0102 **(37609)** Hudson, R.
W 10:00am-12:00pm (CSS 3426) Lab

METO434 Air Pollution; (3) REG/P-F/AUD. *Prerequisites: [CHEM 113 and MATH 241] or permission of department.*
0101 **(37617)** Doddridge, B.
TuTh 2:00pm-3:15pm (CSS 2106)

METO499 *(PermReq)* **Special Problems in Atmospheric Science; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

METO499A Special Problems in Atmospheric Science: Meteorology for Scientists and Engineers; (3) REG/P-F/AUD.
0101 **(37739)** Thompson, O.
TuTh 9:30am-10:45am (CSS 2416)

METO600 Synoptic Meteorology I; (3) REG/AUD. *Pre- or corequisites: METO 610; and METO 620.*
0101 **(37636)** Hudson, R.
TuTh 3:30pm-4:45pm (CSS 2428)

METO610 Dynamic Meteorology I; (3) REG/AUD. *Pre- or corequisite: MATH 462.*
0101 **(37646)** Zhang, D.
MWF 9:00am-9:50am (CSS 2416)

METO614 Computational Methods for Atmospheric and Oceanic Modeling; (3) REG/AUD. *Prerequisite: METO 611 or equivalent.*
0101 **(37656)** Baer, F.
TBA (CSS 2114)

METO617 General Circulation of the Atmosphere; (3) REG/AUD. *Prerequisite: METO 610.*
0101 **(37666)** Vernekar, A.
MW 11:00am-12:15pm (CSS 2416)

METO620 Physical Meteorology I; (3) REG/AUD. *Prerequisite: MATH 461.*
0101 **(37676)** Ellingson, R.
TuTh 2:00pm-3:15pm (CSS 2416)

METO634 Air Sampling and Analysis; (3) REG/AUD. *Prerequisite: METO 434 or METO 637 or permission of department.*
0101 **(37686)** Dickerson, R.
MF 2:00pm-2:50pm (CSS 2416)
Time and room to be arranged

METO658A *(PermReq)* **Special Topics in Meteorology: Satellite Applications for Surface Climate; (3)** REG/AUD.
0101 **(37687)** Pinker, R.
TuTh 9:30am-10:45am (Arranged)

METO658E *(PermReq)* **Special Topics in Meteorology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

METO670 General Circulation of the Ocean; (3) REG/AUD. *Prerequisite: METO 610 or equivalent.*
0101 **(37707)** Carton, J.
MW 3:00pm-4:15pm (CSS 2106)

METO798 Directed Graduate Research; (1-3) S-F. Individual Instruction course: contact department or instructor to obtain section number. Course intended for those students not yet admitted to PhD candidacy to work on research with a professor.

METO899 Doctoral Dissertation Research; (1-8) S-F. Individual Instruction course: contact department or instructor to obtain section number.

MICB Microbiology
(Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

MICB200 General Microbiology; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200.* Required for all MICB majors and prerequisite for all other departmental courses for MICB majors. Labs will begin on first Wednesday of the semester. Students must pay a $40.00 Laboratory Materials fee.
1105 **(37788)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 9:00am-10:50am (MCB 1205) Lab
1125 **(37789)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
TuTh 9:00am-10:50am (MCB 1205) Lab
1126 **(37790)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
TuTh 9:00am-10:50am (MCB 1206) Lab
1201 **(37791)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 12:00pm-1:50pm (MCB 1201) Lab
1205 **(37792)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 12:00pm-1:50pm (MCB 1205) Lab
1206 **(37793)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 12:00pm-1:50pm (MCB 1206) Lab
1305 **(37794)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 2:00pm-3:50pm (MCB 1205) Lab
1306 **(37795)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 2:00pm-3:50pm (MCB 1206) Lab
1325 **(37796)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
TuTh 2:00pm-3:50pm (MCB 1205) Lab
1405 **(37797)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 4:00pm-5:50pm (MCB 1205) Lab
1406 **(37798)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
MW 4:00pm-5:50pm (MCB 1206) Lab
1425 **(37799)** Yuan, R.
TuTh 12:30pm-1:20pm (ZOP 1240)
TuTh 4:00pm-5:50pm (MCB 1205) Lab
2101 **(37800)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 9:00am-10:50am (MCB 1201) Lab
2106 **(37801)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 9:00am-10:50am (MCB 1206) Lab
2121 **(37802)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 9:00am-10:50am (MCB 1201) Lab
2221 **(37803)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 12:00pm-1:50pm (MCB 1201) Lab
2225 **(37804)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 12:00pm-1:50pm (MCB 1205) Lab
2226 **(37805)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 12:00pm-1:50pm (MCB 1206) Lab
2301 **(37806)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 2:00pm-3:50pm (MCB 1201) Lab
2321 **(37807)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 2:00pm-3:50pm (MCB 1201) Lab
2326 **(37808)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 2:00pm-3:50pm (MCB 1206) Lab
2401 **(37809)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
MW 4:00pm-5:50pm (MCB 1201) Lab
2421 **(37810)** Weiner, R.
TuTh 11:00am-11:50am (ZOP 1240)
TuTh 4:00pm-5:50pm (MCB 1201) Lab

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8101 **(*****)** Sandlin, R.
TuTh 6:00pm-6:50pm (MCB 1207)
TuTh 7:00pm-9:00pm (MCB 1201) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

8102 **(*****)** Sandlin, R.
TuTh 6:00pm-6:50pm (MCB 1207)
TuTh 7:00pm-9:00pm (MCB 1205) Lab

Section 8102 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

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MICB200H General Microbiology; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200.* For general honors students only. Students must pay a $40.00 Laboratory Materials fee.
0101 **(37822)** Smith, A.
TuTh 11:00am-11:50am (ZOP 1240)
MW 9:00am-10:50am (MCB 1103A) Lab

MICB379 *(PermReq)* **Honors Research; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. Corequisite: MICB 388H. Students must pay a $40.00 Laboratory Materials fee.

MICB388 *(PermReq)* **Special Topics in Microbiology; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: two lab courses in microbiology. May be repeated but only 4 credits may be applied to major requirements.

MICB388A Special Topics in Microbiology: Modern Parasitology; (4) REG/P-F/AUD. Prerequisites: ZOOL 211 or MICB 200; or permission of instructor. Credit will be granted for only one of the following: ZOOL 328A or ENTM 499. Acceptable toward Biological Sciences Specialization areas: PHNB (ancillary), BGEN, GENB (category B), CMBG, MICB (non-lab), ENTM, and ZOOL.
0101 **(37853)** Sina, B.
TuTh 9:30am-10:45am (PLS 1162)
F 9:00am-12:00pm (PLS 1161) Lab

MICB388H Special Topics in Microbiology: Honors Seminar; (1) REG/P-F/AUD. Corequisite: MICB 379. For departmental honors students only.
0101 **(37863)** Gantt, E.
Tu 4:00pm-4:50pm (MCB 1121)
0102 **(37864)** Song, W.
F 1:00pm-1:50pm (MCB 2119)

MICB388K Special Topics in Microbiology: Photosynthetic Life; (3) REG/P-F/AUD. Prerequisites: Equivalent of BCHM 461 and at least 3 credits in Evolution and Systematics.
0101 **(37874)** Delwiche, C.
MWF 1:00pm-1:50pm (HJP 1229)

MICB388P *(PermReq)* **Special Topics in Microbiology: Pre-Med Internship; (3)** REG/P-F/AUD. Prequisite: 4 laboratory science courses, minimum GPA of 3.3, interest in medicine. Instructors : R. Weiner, B. Epstein, G. Jaffe and L. Cohen. Course serves as an elective and credits do not count toward the Biological Sciences Program.
0101 **(37884)** Weiner, R.
Th 12:00pm-4:00pm (MCB 1121)

MICB388R *(PermReq)* **Special Topics in Microbiology: Research Projects; (3-4)** REG. Permission of instructor required.
0101 **(37894)** Bean, G.
Time and room to be arranged

MICB399G *(PermReq)* **Microbiological Problems: CMBG Research Problems; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MICB399M *(PermReq)* **Microbiological Problems; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MICB440 Pathogenic Microbiology; (4) REG/P-F/AUD. *Prerequisite: MICB 200.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(37927)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 9:00am-10:50am (MCB 1143) Lab
0102 **(37928)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 9:00am-10:50am (MCB 1135) Lab
0103 **(37929)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 11:00am-12:50pm (MCB 1143) Lab
0104 **(37930)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 11:00am-12:50pm (MCB 1135) Lab
0105 **(37931)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 1:00pm-2:50pm (MCB 1143) Lab
0106 **(37932)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 1:00pm-2:50pm (MCB 1135) Lab
0107 **(37933)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 3:00pm-4:50pm (MCB 1143) Lab
0108 **(37934)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 3:00pm-4:50pm (MCB 1135) Lab

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8101 **(*****)** Rollins, D.
TuTh 7:00pm-7:50pm (MCB 1207)
TuTh 8:00pm-10:00pm (MCB 1135) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

8102 **(*****)** Rollins, D.
TuTh 7:00pm-7:50pm (MCB 1207)
TuTh 8:00pm-10:00pm (MCB 1143) Lab

Section 8102 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

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MICB443 Drug Action and Design; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or permission of department. 60 semester hours. Junior standing.*
0101 **(37946)** Pontzer, C.
MW 11:00am-12:15pm (MCB 1207)

MICB451 Principles of Immunology (Lecture); (2) REG/P-F. *Prerequisites: MICB 200 and CHEM 243. Highly recommended: BCHM 461. Credit will be granted for only one of the following: MICB 450 or MICB 451 or ZOOL 455.*

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8101 **(*****)** STAFF
W 6:00pm-7:50pm (MCB 1207)

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

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MICB453 Recombinant DNA Laboratory; (3) REG/P-F/AUD. *Prerequisite: BIOL 222.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(37956)** Gdovin, S.
TuTh 12:30pm-4:30pm (MCB 1207) Lab
TuTh 12:30pm-4:30pm (MCB 1143) Lab
0102 **(37957)** Gdovin, S.
TuTh 12:30pm-4:30pm (MCB 1207) Lab
TuTh 12:30pm-4:30pm (MCB 1135) Lab

MICB674 Advanced Microbial Physiology; (3) REG/AUD. *Prerequisite: BCHM 462 or equivalent.*
0101 **(37967)** Stewart, R.
MW 4:00pm-4:50pm (MCB 2119)

MICB688 *(PermReq)* **Special Topics; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MICB688A Special Topics: Research Experiences; (3) REG/AUD.
0101 **(37985)** Cooke, T.
Time and room to be arranged

MICB688C *(PermReq)* **Special Topics: Marine Biotechnology; (1)** REG/AUD.
0101 **(37995)** Weiner, R.
F 9:00am-10:00am (MCB 2119)

MICB688F Special Topics: Signal Transduction - Bacteria to Human; (2) REG/AUD.
0101 **(38005)** Farber, D.
Th 4:00pm-6:00pm (MCB 2119)

MICB688G Special Topics: Genetic Approaches to Cell and Developmental Biology; (2) REG/AUD.
0101 **(38015)** Liu, Z.
M 4:00pm-6:00pm (HJP 1216)

MICB688I *(PermReq)* **Special Topics: Immunology Seminar; (1)** REG/AUD.
0101 **(38025)** Pontzer, C.
F 9:00am-10:00am (MCB 1121)

MICB688J *(PermReq)* **Special Topics: Current Topics in Bacterial Pathogenesis; (1)** REG/AUD.
0101 **(38035)** Joseph, S.
Time and room to be arranged

MICB688K Special Topics: Photosynthetic Life; (3) REG/AUD. Prerequisites: Equivalent of BCHM 461 and at least 3 credits in Evolution or Systematics.
0101 **(38045)** Delwiche, C.
MWF 1:00pm-1:50pm (HJP 1229)

MICB701 Teaching Microbiology; (1) S-F. *For LFSC graduate students only.*
0101 **(38055)** Gdovin, S.
F 10:00am-11:00am (MCB 2119)

MICB760 Virology and Tissue Culture; (2) REG/AUD. *Prerequisite: MICB 440 or equivalent.*
0101 **(38065)** DeStefano, J.
Tu 4:00pm-6:00pm (MCB 2119)

MICB788 Seminar; (1) REG/AUD.
0101 **(38075)** Farber, D.
F 12:00pm-12:50pm (MCB 1207)
F 3:00pm-5:00pm (MCB 1207) Dis

MICB799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MICB899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MOCB Molecular and Cell Biology
(Life Sciences)

MOCB608 *(PermReq)* **Molecular and Cell Biology Seminar: Organellar Protein Import; (1)** REG.
0101 **(38157)** Gantt, E.
Tu 12:00pm-12:50pm (MCB 2119)

MOCB630 *(PermReq)* **Eukaryote Molecular Genetics; (3)** REG/AUD. *Prerequisite: ZOOL 446 or permission of department. Also offered as ENTM 630.*
0101 **(38167)** Mount, S.
MWF 9:00am-9:50am (PLS 1117)

MOCB699 *(PermReq)* **Laboratory Rotation; (2-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number.

MOCB708B Advanced Topics in Molecular and Cell Biology: Basic Concepts in Molecular Biology; (2) REG/S-F. This course is taught at the Shady Grove facility.
81GS **(38247)** Ogg, S.
Meets 10/06/98-10/22/98
Time and room to be arranged

MOCB708C Advanced Topics in Molecular and Cell Biology: Advanced Concepts in Molecular Biology; (2) REG/S-F. This course is taught at the Shady Grove facility.
81GS **(38257)** Ogg, S.
Meets 11/03/98-11/19/98
Time and room to be arranged

MOCB899 Doctoral Dissertation Research; (1-8) S-F. Individual Instruction course: contact department or instructor to obtain section number.

MSWE Master of Software Engineering
(Computer, Mathematical and Physical Sciences)

MSWE613 Software Environments; (3) REG/AUD. *Prerequisite: MSWE 607.*
0101 **(38376)** Shneiderman, B.
Tu 6:15pm-8:45pm (EGR 3140)

MUED Music Education
(Arts and Humanities)

MUED410 *(PermReq)* **Instrumental Arranging; (2)** REG/AUD. *Prerequisites: MUSC 250 and permission of department.*
0101 **(38426)** Gallagher, C.
M 7:00pm-9:00pm (TWS 2138)

MUED411 Instrumental Music: Methods and Materials For the Elementary School; (3) REG/AUD.
0101 **(38436)** STAFF
TuTh 9:00am-10:50am (TWS 1123)
Tu 8:00am-8:50am (TWS 1102) Lab

MUED470 *(PermReq)* **General Concepts For Teaching Music; (1)** REG/AUD. *Corequisite: MUED 411 or MUED 471.*
0101 **(38446)** Folstrom, R.
TuTh 11:00am-11:50am (TWS 3238)

MUED471 Methods For Teaching Elementary General Music; (3) REG/AUD.
0101 **(38456)** McCarthy, M.
TuTh 9:00am-10:50am (TWS 3132)

MUED499A *(PermReq)* **Workshops, Clinics, Institutes: Learning Theory in Teaching Music; (3)** REG/P-F/AUD.
0101 **(38466)** McCarthy, M.
Tu 6:30pm-9:00pm (TWS 3132)

MUED499B *(PermReq)* **Workshops, Clinics, Institutes: Band Conducting and Rehearsal Techniques; (3)** REG/P-F/AUD.
0101 **(38476)** STAFF
W 6:30pm-9:00pm (TWS 3132)

MUED692 Foundations of Music Education; (3) REG/AUD.
0101 **(38486)** Folstrom, R.
M 7:00pm-9:30pm (TWS 3132)

MUED694 *(PermReq)* **Learning Theory in Music; (3)** REG/AUD. *For MUED majors only.*
0101 **(51788)** McCarthy, M.
Tu 6:30pm-9:00pm (TWS 3132)

MUED698B *(PermReq)* **Current Trends in Music Education: Band Conducting and Rehearsal Techniques; (3)** REG/AUD.
0101 **(38506)** STAFF
W 6:30pm-9:00pm (TWS 3132)

MUSC School of Music (Arts and Humanities)

MUSC100 Beginning Class Voice; (2) REG.
0101 **(38556)** Ocampo, R.
MW 10:00am-10:50am (TWS 2123)
0201 **(38557)** Chen, L.
MW 11:00am-11:50am (TWS 2135)
0301 **(38558)** Ocampo, R.
MW 12:00pm-12:50pm (TWS 2135)
0401 **(38559)** Bernard, D.
TuTh 3:00pm-3:50pm (TWS 2138)

MUSC102 *(PermReq)* **Beginning Class Piano I; (2)** REG. Recommended for MUED and MUSC majors with little or no piano experience.
0101 **(38568)** Elliston, R.
MWF 12:00pm-12:50pm (TWS 3218)
0201 **(38569)** Elliston, R.
MWF 11:00am-11:50am (TWS 3218)

MUSC106 Beginning Classical Guitar Class; (2) REG/P-F/AUD. For students with no previous musical experience.
0101 **(38579)** Cavallaro, G.
MW 11:00am-11:50am (TWS 1102)

MUSC110 *(PermReq)* **Class Study of String Instruments; (2)** REG/P-F. *Open only to majors in music education (vocal option).*
0101 **(38589)** Elsing, E.
MWF 9:00am-9:50am (TWS 1102)
Tu 8:00am-8:50am (Arranged) Lab

MUSC114 *(PermReq)* **Class Study: Cello and Bass; (2)** REG/P-F/AUD. *Open only to majors in music education (instrumental option).*
0101 **(38599)** Elsing, E.
MWF 9:00am-9:50am (TWS 1102)
Tu 8:00am-8:50am (TWS 1102) Lab

MUSC116 *(PermReq)* **Class Study: Clarinet; (2)** REG/AUD. *Open only to majors in music education (instrumental option).*
0101 **(38609)** Walters, E.
MWF 8:00am-8:50am (TWS 1102)
Tu 8:00am-8:50am (TWS 1102) Lab

MUSC120 *(PermReq)* **Class Study: Cornet; (2)** REG/AUD. *Open only to majors in music education (instrumental option).*
0101 **(38619)** STAFF
MWF 10:00am-10:50am (TWS 1102)
Tu 8:00am-8:50am (Arranged) Lab

MUSC126 Vocal Diction: English and Latin; (1) REG/P-F/AUD.
0101 **(38629)** Bernard, D.
TuTh 2:00pm-2:50pm (TWS 2102)

MUSC128 *(PermReq)* **Sight Reading For Pianists; (2)** REG. For Bachelor of Music piano majors only.
0101 **(38639)** Dedova, L.
MW 10:00am-10:50am (Arranged)

MUSC129A *(PermReq)* **Ensemble: Chamber Music - Strings; (1)** REG.
0101 **(38649)** Salness, D.
MW 5:15pm-6:30pm (TWS 2102)

MUSC129B Ensemble: Chamber Music - Woodwinds; (1) REG.
0101 **(38659)** Hill, M.
MW 5:15pm-6:30pm (TWS 3238)
0301 **(38660)** Underwood, D.
W 7:00pm-8:00pm (TWS 1127)
0401 **(38661)** Walters, E.
TBA (TWS 3145)

MUSC129C Ensemble: Chamber Music - Brasses; (1) REG.
0201 **(38671)** Stevens, M.
TBA (TWS 3121)
0401 **(38672)** Girdler, J.
TBA (TWS 3121)
0501 **(38673)** Girdler, J.
TBA (TWS 3121)

MUSC129F Ensemble: Chamber Music - Percussion Ensemble; (1) REG.
0101 **(38683)** Barnett, R.
TuTh 11:00am-12:15pm (TWS 1102)

MUSC129G Ensemble: Chamber Music - Percussion Keyboard Ensemble; (1) REG.
0101 **(38693)** Barnett, R.
TBA (TWS 1205)

MUSC129I *(PermReq)* **Ensemble: Chamber Music - 20th Century Ensemble; (1)** REG/P-F/AUD.
0101 **(38703)** STAFF
Time and room to be arranged

MUSC129J *(PermReq)* **Ensemble: Chamber Music - Jazz Ensemble; (1)** REG. Open by audition.
0101 **(38713)** Vadala, C.
MW 5:30pm-7:15pm (TWS 1102)
0201 **(38714)** Vadala, C.
MW 1:00pm-2:20pm (TWS 1102)
0301 **(38715)** Elliston, R.
Time and room to be arranged

MUSC129K Ensemble: Chamber Music - Non-Western Ensemble; (1) REG.
0101 **(38725)** Kouyate, D.
Th 7:00pm-8:30pm (TWS 3238)
Section 0101 - African drumming.

0201 **(38726)** Okamoto, K.
M 7:00pm-8:30pm (TWS 3238)
Section 0201 - Japanese Koto.

MUSC129M Ensemble: Chamber Music - Flute Choir; (1) REG.
0101 **(38746)** Montgomery, W.
Time and room to be arranged

MUSC130 Survey of Music Literature; (3) REG/AUD. CORE: HA *Open to all students except music and music education majors.*
0101 **(38756)** STAFF
MW 9:00am-9:50am (TWS 2102)
F 9:00am-9:50am (TWS 2102) Lab
0102 **(38757)** STAFF
MW 9:00am-9:50am (TWS 2102)
F 10:00am-10:50am (TWS 2123) Lab
0103 **(38758)** STAFF
MW 9:00am-9:50am (TWS 2102)
F 11:00am-11:50am (TWS 2123) Lab
0201 **(38759)** Davis, S.
MW 10:00am-10:50am (TWS 2102)
F 10:00am-10:50am (TWS 2102) Lab
0202 **(38760)** Davis, S.
MW 10:00am-10:50am (TWS 2102)
F 9:00am-9:50am (TWS 2123) Lab
0301 **(38761)** STAFF
MW 11:00am-11:50am (TWS 2102)
F 11:00am-11:50am (TWS 2102) Lab
0302 **(38762)** STAFF
MW 11:00am-11:50am (TWS 2102)
F 9:00am-9:50am (TWS 3238) Lab
0303 **(38763)** STAFF
MW 11:00am-11:50am (TWS 2102)
F 12:00pm-12:50pm (TWS 2123) Lab

MUSC130H Survey of Music Literature; (3) REG/AUD. CORE: HA *Open to all students except music and music education majors.* For general honors students only.
0203 **(38773)** Davis, S.
MW 10:00am-10:50am (TWS 2102)
F 11:00am-11:50am (TWS 3116) Dis

MUSC140 Music Fundamentals I; (3) REG/AUD. CORE: HA *Limited to non-music majors.*
0101 **(38784)** STAFF
MWF 1:00pm-1:50pm (TWS 2102)
0201 **(38785)** STAFF
MWF 12:00pm-12:50pm (TWS 2102)
0301 **(38786)** STAFF
TuTh 11:00am-12:15pm (TWS 2102)
0401 **(38787)** STAFF
TuTh 12:30pm-1:45pm (TWS 2123)

MUSC150 *(PermReq)* **Theory of Music I; (3)** REG. *Prerequisite: departmental audition and entrance examination. For MUSC majors only.*
0101 **(38797)** STAFF
MWF 9:00am-9:50am (TWS 3116)
TuTh 9:00am-9:50am (TWS 2123) Lab
0102 **(38798)** STAFF
MWF 9:00am-9:50am (TWS 3116)
TuTh 9:00am-9:50am (TWS 2135) Lab
0201 **(38799)** STAFF
TuThF 9:00am-9:50am (TWS 2138)
MW 9:00am-9:50am (TWS 2138) Lab
0202 **(38800)** STAFF
TuThF 9:00am-9:50am (TWS 2138)
MW 9:00am-9:50am (TWS 2135) Lab

MUSC155 Fundamentals for the Classroom Teacher; (3) REG/P-F/AUD. *Open to students majoring in pre-early childhood education, pre-elementary education, elementary education, or childhood education; other students take MUSC 150. Credit will be granted for only one of the following: MUSC 150 or MUSC 155.*
0101 **(38810)** STAFF
MWF 11:00am-11:50am (TWS 3238)
0201 **(38811)** STAFF
MWF 10:00am-10:50am (TWS 3238)
0301 **(38812)** STAFF
TuTh 9:30am-10:45am (TWS 3238)
0401 **(38813)** STAFF
TuTh 2:00pm-3:15pm (TWS 3238)

MUSC200 Intermediate Class Voice I; (2) REG/AUD. *Prerequisite: MUSC 100 or equivalent vocal training.*
0101 **(38823)** Chen, L.
TuTh 11:00am-11:50am (TWS 2138)

MUSC202 *(PermReq)* **Intermediate Class Piano I; (2)** REG. *Prerequisite: MUSC 103 or equivalent piano training.* Only for voice and instrumental principals with limited piano experience.
0101 **(38833)** Elliston, R.
MWF 9:00am-9:50am (TWS 3218)

MUSC210 The Impact of Music on Life; (3) REG. CORE: HA DIVERSITY
0101 **(38843)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 1:00pm-1:50pm (TWS 2135) Dis
0102 **(38844)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 12:00pm-12:50pm (TWS 2138) Dis
0103 **(38845)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 2:00pm-2:50pm (TWS 2123) Dis
0104 **(38846)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 1:00pm-1:50pm (TWS 3116) Dis
0105 **(38847)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 12:00pm-12:50pm (TWS 3116) Dis
0106 **(38848)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 2:00pm-2:50pm (TWS 2135) Dis
0107 **(38849)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 12:00pm-12:50pm (TWS 0147) Dis
0108 **(38850)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 2:00pm-2:50pm (TWS 0147) Dis
0109 **(38851)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 3:00pm-3:50pm (TWS 0147) Dis

MUSC210+ The Impact of Music on Life; (3) REG/P-F/AUD. CORE: HA DIVERSITY Restricted to College Park Scholars - Arts.
0105 **(38861)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 12:00pm-12:50pm (TWS 3116) Dis

MUSC227 Vocal Diction: German; (1) REG/P-F/AUD.
0101 **(38872)** McConnell, R.
TuTh 2:00pm-2:50pm (TWS 2138)

MUSC228 Accompanying For Pianist; (2) REG/AUD.
0101 **(38881)** McCoy, R.
Time and room to be arranged

MUSC229A Ensemble: Orchestra; (1) REG. Open by audition.
0101 **(38891)** STAFF
MWF 3:00pm-5:00pm (TWS 1102)

MUSC229D Ensemble: Symphonic Wind Ensemble; (1) REG. Open by audition.
0101 **(38901)** Wakefield, J.
TuTh 3:30pm-5:45pm (TWS 1102)

MUSC229E Ensemble: Concert Band; (1) REG. Open by audition.
0101 **(38911)** Sparks, L.
TuTh 2:00pm-3:15pm (TWS 1102)

MUSC229F Ensemble: Marching Band; (1) REG. Open by audition.
0101 **(38921)** Sparks, L.
MWF 3:00pm-5:00pm (Arranged)

MUSC229G Ensemble: Marching Band Repertoire; (1) REG. Corequisite: MUSC 229F.
0101 **(38931)** Sparks, L.
Tu 6:30pm-8:30pm (TWS 1102)

MUSC229I Ensemble: Marching Band Auxiliary; (1) REG. Corequisite: MUSC 229F.
0101 **(38941)** Sparks, L.
TuTh 6:00pm-8:00pm (Arranged)

MUSC230 History of Music I; (3) REG/P-F/AUD. *Prerequisite: MUSC 250 or equivalent.*
0101 **(38951)** King, R.
MWF 2:00pm-2:50pm (TWS 2138)

MUSC248A Selected Topics in Music: Musics of the World; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(38961)** Sarrazin, N.
TuTh 1:00pm-1:50pm (LEF 2205)
F 9:00am-9:50am (TWS 0147) Dis
0102 **(38962)** Sarrazin, N.
TuTh 1:00pm-1:50pm (LEF 2205)
F 10:00am-10:50am (TWS 0147) Dis
0103 **(38963)** Sarrazin, N.
TuTh 1:00pm-1:50pm (LEF 2205)
F 11:00am-11:50am (TWS 0147) Dis
0104 **(38964)** Sarrazin, N.
TuTh 1:00pm-1:50pm (LEF 2205)
F 1:00pm-1:50pm (TWS 0147) Dis
0105 **(38965)** Sarrazin, N.
TuTh 1:00pm-1:50pm (LEF 2205)
F 12:00pm-12:50pm (TWS 0131) Dis
0106 **(38966)** Sarrazin, N.
TuTh 1:00pm-1:50pm (LEF 2205)
F 1:00pm-1:50pm (TWS 0131) Dis
Restricted to students in a First Year Focus Cluster.

MUSC248C Selected Topics in Music: World Popular Musics and Gender; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(38976)** Sandstrom, B.
W 1:00pm-2:40pm (SKN 0200)
M 12:00pm-12:50pm (TWS 3238) Dis
0102 **(38977)** Sandstrom, B.
W 1:00pm-2:40pm (SKN 0200)
M 1:00pm-1:50pm (TWS 3238) Dis
0103 **(38978)** Sandstrom, B.
W 1:00pm-2:40pm (SKN 0200)
M 2:00pm-2:50pm (TWS 3238) Dis
0104 **(38979)** Sandstrom, B.
W 1:00pm-2:40pm (SKN 0200)
M 12:00pm-12:50pm (TWS 3116) Dis
0105 **(38980)** Sandstrom, B.
W 1:00pm-2:40pm (SKN 0200)
M 1:00pm-1:50pm (TWS 3116) Dis
0106 **(38981)** Sandstrom, B.
W 1:00pm-2:40pm (SKN 0200)
M 2:00pm-2:50pm (TWS 2123) Dis
0107 **(38982)** Sandstrom, B.
W 1:00pm-2:40pm (SKN 0200)
M 3:00pm-3:50pm (TWS 3238) Dis
0108 **(38983)** Sandstrom, B.
W 1:00pm-2:40pm (SKN 0200)
M 1:00pm-1:50pm (TWS 2135) Dis
0109 **(38984)** Sandstrom, B.
W 1:00pm-2:40pm (SKN 0200)
M 2:00pm-2:50pm (TWS 2135) Dis
Restricted to students in a First Year Focus Cluster.

MUSC250 *(PermReq)* **Advanced Theory of Music I; (4)** REG. *Prerequisite: MUSC 151 with a minimum grade of C.*
0101 **(39004)** Layton, R.
MWF 10:00am-10:50am (TWS 3116)
TuTh 10:00am-10:50am (TWS 2102) Lab
0102 **(39005)** Layton, R.
MWF 10:00am-10:50am (TWS 3116)
TuTh 10:00am-10:50am (TWS 2135) Lab
0201 **(39006)** STAFF
TuThF 10:00am-10:50am (TWS 2138)
MW 10:00am-10:50am (TWS 2138) Lab
0202 **(39007)** STAFF
TuThF 10:00am-10:50am (TWS 2138)
MW 10:00am-10:50am (TWS 2135) Lab

MUSC329A Ensemble: University of Maryland Chorale; (1) REG. Open by audition.
0101 **(39017)** STAFF
TuTh 3:30pm-5:30pm (TWS 2102)

MUSC329D Ensemble: University Chorus; (1) REG. Open by audition. Please report to TWS 2140.
0101 **(39027)** Traver, P.
Tu 7:00pm-10:00pm (TWS 2102)
TBA (TWS 2102) Lab

MUSC329E Ensemble: Gospel Choir; (1) REG.
0101 **(39037)** Carswell, A.
Th 7:00pm-10:00pm (TWS 2102)

MUSC331 History of Music II; (3) REG/P-F/AUD. *Prerequisite: MUSC 230 and MUSC 330.*
0101 **(39047)** Wexler, R.
MWF 2:00pm-2:50pm (TWS 3116)

MUSC345 Jazz Theory and Improvisation I; (3) REG/AUD. *Prerequisite: MUSC 251 or permission of department.*
0101 **(39057)** Vadala, C.
M 7:15pm-9:30pm (TWS 1102)

MUSC379 *(PermReq)* **Opera Workshop; (2)** REG/P-F/AUD.
0101 **(39067)** Balthrop, C.
W 3:00pm-5:00pm (TWS 3238)

MUSC388 *(PermReq)* **Music Internship; (3)** REG.
0101 **(39077)** Walters, E.
TBA (TWS 2114)

MUSC389 *(PermReq)* **Music Internship Analysis; (1)** REG.
0101 **(39087)** Walters, E.
TBA (TWS 2114)

MUSC400S *(PermReq)* **Music Pedagogy; (3)** REG/AUD. *Pre- or corequisite: MUSC 418 or a more advanced course in applied music.* For string majors.
0101 **(39097)** Fischbach, G.
Tu 2:00pm-4:30pm (TWS 2154)

MUSC400W *(PermReq)* **Music Pedagogy; (3)** REG/P-F/AUD. *Pre- or corequisite: MUSC 418 or a more advanced course in applied music.* For wind and percussion majors.
0101 **(39107)** Wakefield, J.
Time and room to be arranged

MUSC405 *(PermReq)* **Stage Combat for Singers; (1)** REG. *Prerequisites: MUSC 123 and MUSC 611 or permission of Director of Opera. For MUSC majors only.*
0101 **(39117)** Johnson, M.
Th 10:00am-12:00pm (Arranged)

MUSC428 *(PermReq)* **Repertoire Coaching of Vocal or Chamber Music; (2)** REG.
0301 **(39127)** McCoy, R.
TBA (TWS 2233)

MUSC429 *(PermReq)* **Opera Theater; (2-3)** REG/AUD.
0101 **(39137)** Balthrop, C.
W 3:00pm-5:00pm (TWS 3238)

MUSC438 Area Studies in Ethnomusicology: Cross Cultural Musical Analysis; (3) REG/P-F/AUD.
0101 **(39147)** Pacholczyk, J.
M 3:30pm-6:00pm (TWS 2123)

MUSC439 *(PermReq)* **Collegium Musicum; (1)** REG/AUD.
0101 **(39157)** Wexler, R.
TuTh 4:00pm-7:00pm (TWS 3238)

MUSC443 *(PermReq)* **Solo Vocal Literature; (3)** REG/P-F/AUD. *Prerequisite: MUSC 330, MUSC 331 or equivalent.*
0101 **(39167)** Smith, M.
Tu 4:00pm-6:30pm (TWS 2138)

MUSC448 *(PermReq)* **Selected Topics in Music; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC448A *(PermReq)* **Selected Topics in Music: Marching Band Techniques; (2)** REG. Concurrent enrollment in MUSC 229F required.
0101 **(39213)** Sparks, L.
TBA (TWS 2211)

MUSC448B Selected Topics in Music: Survey of Chamber Music Literature; (3) REG/AUD.
0101 **(39214)** Davis, S.
Time and room to be arranged

MUSC448J *(PermReq)* **Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; (2)** REG/AUD. Audition required.
0101 **(39233)** Wells, V.
W 7:00pm-10:00pm (TWS 3218)
0201 **(39234)** Wells, V.
Time and room to be arranged Lab

MUSC448K Selected Topics in Music: Music Notation on Computers; (2) REG/P-F/AUD.
0101 **(39244)** Licata, T.
Th 4:00pm-6:00pm (TWS 2211)

MUSC448O Selected Topics in Music: Arts Administration: Starting an Opera Company; (3) REG/AUD.
0101 **(39254)** Feinstein, M.
M 2:00pm-4:30pm (TLF 1101)

MUSC452 *(PermReq)* **Keyboard Harmony; (2)** REG. *Prerequisite: MUSC 251.* Limited to piano majors only.
0101 **(39264)** Elliston, R.
MWF 10:00am-11:00am (TWS 3218)

MUSC455 *(PermReq)* **Theory of Jazz; (3)** REG/P-F/AUD. *Prerequisite: MUSC 250 or permission of department. For MUSC majors only.*
0101 **(39223)** Gibson, R.
MW 11:00am-12:15pm (TWS 2138)

MUSC467 Piano Pedagogy I; (3) REG/AUD.
0101 **(39274)** Page, C.
F 2:00pm-4:30pm (TWS 2102)

MUSC484 Music in the Romantic Era; (3) REG/AUD.
0101 **(39284)** STAFF
Tu 7:00pm-9:30pm (TWS 3116)

MUSC490 *(PermReq)* **Conducting; (2)** REG. *Prerequisite: MUSC 251.*
0101 **(39294)** STAFF
MWF 1:00pm-1:50pm (TWS 2138)

MUSC494 Survey of Theory; (3) REG/AUD. *Prerequisite: MUSC 251.*
0101 **(39304)** Payerle, L.
TuTh 2:00pm-3:15pm (TWS 2123)

MUSC499 *(PermReq)* **Independent Studies; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC601 Advanced English Lyric Diction; (1) REG/AUD. *Prerequisite: admission to graduate voice program or permission of instructor. For music majors only.*
0101 **(39350)** Mabbs, L.
Tu 10:00am-11:30am (TWS 2123)

MUSC603 Advanced German Lyric Diction; (1) REG/AUD. *Prerequisite: admission to graduate voice program or permission of instructor. For music majors only.*
0101 **(39360)** Loup, F.
Tu 10:00am-11:30am (TWS 3116)

MUSC605 *(PermReq)* **Opera Repertory I; (1)** REG/AUD. *Prerequisite: MUSC 602 or permission of instructor. For MUSC majors only.*
0101 **(39370)** Cossa, D.
Th 2:00pm-3:30pm (TWS 2135)

MUSC608 *(PermReq)* **Chamber Music Repertory; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC611 Opera Techniques I; (3) REG/AUD. *Prerequisite: permission of director of opera. Corequisite: MUSC 601. For MUSC majors only.*
0101 **(39406)** Major, L.
TuTh 2:00pm-5:00pm (TWS 3228)
MW 12:00pm-1:30pm (TWS 3228) Lab

MUSC613 *(PermReq)* **Opera Techniques III; (3)** REG/AUD. *Prerequisites: MUSC 612 with a grade of B or better and permission of Director of Opera. Corequisites: MUSC 603 and MUSC 605. For MUSC majors only.*
0101 **(39416)** Major, L.
MW 2:00pm-5:00pm (TWS 3228)
MW 10:00am-11:30am (TWS 3228) Lab

MUSC642 Early Music Notation; (3) REG/AUD.
0101 **(39436)** Wexler, R.
Tu 7:00pm-9:30pm (TWS 2208)

MUSC643 *(PermReq)* **Seminar in Solo Vocal Literature I; (3)** REG/AUD. *Prerequisite: MUSC 444 or equivalent.*
0101 **(39446)** Mabbs, L.
M 3:00pm-5:30pm (TWS 2138)

MUSC648 *(PermReq)* **Seminar in Music Research; (3)** REG/AUD.
0101 **(39456)** Cohen, H.
Th 9:30am-12:00pm (Arranged)
0201 **(39457)** King, R.
M 7:00pm-9:30pm (TWS 3116)

MUSC658 Seminar in Advanced Analysis; (3) REG.
0101 **(39467)** Delio, T.
M 11:00am-1:30pm (TWS 2123)

MUSC671 Advanced Analytical Techniques II; (3) REG/AUD. *Prerequisite: MUSC 451 or permission of department.*
0101 **(39477)** Hanninen, D.
Th 3:00pm-5:30pm (TWS 3116)

MUSC679A Seminar in Ethnomusicology: Cross Cultural Musical Analysis; (3) REG/AUD.
0101 **(39487)** Pacholczyk, J.
M 3:30pm-6:00pm (TWS 2123)

MUSC679B *(PermReq)* **Seminar in Ethnomusicology: History of Theory and Method in Ethnomusicology; (3)** REG/AUD.
0101 **(39497)** Pacholczyk, J.
Tu 3:30pm-6:00pm (TWS 2123)

MUSC689 *(PermReq)* **Advanced Conducting; (3)** REG/AUD.
0101 **(39517)** Traver, P.
W 4:00pm-6:30pm (TWS 2138)
0301 **(39518)** Wakefield, J.
TBA (TWS 1108)

MUSC699 *(PermReq)* **Selected Topics in Music; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC699B Selected Topics in Music: Survey of Chamber Music Literature; (3) REG/AUD.
0101 **(51793)** Davis, S.
Time and room to be arranged

MUSC699J *(PermReq)* **Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; (2)** REG/AUD. Audition required.
0101 **(39563)** Wells, V.
W 7:00pm-10:00pm (TWS 3218)
0201 **(39564)** Wells, V.
Time and room to be arranged Lab

MUSC699K Selected Topics in Music: Research and Bibliography in Ethnomusicology; (3) REG/AUD.
0101 **(39574)** Vandermeer, P.
Th 3:30pm-6:00pm (Arranged)

MUSC699L Selected Topics in Music: Ethnomusicology Field and Laboratory I; (3) REG/AUD.
0101 **(39584)** Schuyler, P.
W 3:30pm-6:00pm (TWS 2123)

MUSC699O Selected Topics in Music: Arts Administration: Starting an Opera Company; (3) REG/AUD.
0101 **(39604)** Feinstein, M.
M 2:00pm-4:30pm (TLF 1101)

MUSC699S Selected Topics in Music: Suzuki String Pedagogy; (3) REG/AUD.
0101 **(39614)** Cole, R.
Tu 11:00am-2:30pm (TWS 2135)

MUSC799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

MUSC800A *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For accompanists only.
0101 **(39650)** McCoy, R.
Time and room to be arranged

MUSC800C *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For conducting majors.
0101 **(39660)** Traver, P.
TBA (TWS 2140A)
0301 **(39661)** Wakefield, J.
Time and room to be arranged

MUSC800S *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.*
0101 **(39671)** Fischbach, G.
Tu 2:00pm-4:30pm (TWS 2154)

MUSC800W *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For wind and percussion majors.
0101 **(39681)** Wakefield, J.
Time and room to be arranged

MUSC801C *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For conducting majors.
0101 **(39691)** Traver, P.
TBA (TWS 2140A)
0301 **(39692)** Wakefield, J.
Time and room to be arranged

MUSC801W *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* Advanced special students require department authorization. For wind and percussion majors.
0101 **(39702)** Wakefield, J.
Time and room to be arranged

MUSC830A *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: at least twelve hours in music history and literature.* For accompanists only.
0101 **(39712)** McCoy, R.
TBA (TWS 2233)

MUSC830C *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG. *Prerequisite: at least twelve hours in music history and literature.* For conducting majors.
0101 **(39722)** Traver, P.
TBA (TWS 2140A)
0301 **(39723)** Wakefield, J.
Time and room to be arranged

MUSC830P Doctoral Seminar in Music Literature; (3) REG/AUD. *Prerequisite: at least twelve hours in music history and literature.*
0101 **(39733)** STAFF
M 10:00am-12:30pm (Arranged)

MUSC830V Doctoral Seminar in Music Literature; (3) REG/AUD. *Prerequisite: at least twelve hours in music history and literature.*
0101 **(51790)** Mabbs, L.
M 3:00pm-5:30pm (TWS 2138)

MUSC830W *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: at least twelve hours in music history and literature.* For wind and percussion majors.
0101 **(39753)** Wakefield, J.
Time and room to be arranged

MUSC831C *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG. *Prerequisite: MUSC 830 or permission of instructor.* For conducting majors.
0101 **(39763)** Traver, P.
TBA (TWS 2140A)
0301 **(39764)** Wakefield, J.
Time and room to be arranged

MUSC831W *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: MUSC 830 or permission of instructor.* For wind and percussion majors.
0101 **(39774)** Wakefield, J.
Time and room to be arranged

MUSC878 *(PermReq)* **Advanced Composition; (3)** REG/AUD.
0101 **(39784)** Moss, L.
TBA (TWS 1219B)
0201 **(39785)** Delio, T.
TBA (TWS 1241)
0301 **(39786)** Wilson, M.
TBA (TWS 1231C)
0401 **(39787)** Gibson, R.
TBA (TWS 1241A)

MUSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MUSP Music Performance (*Arts and Humanities*)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and some non-major students by prior audition and permission of the School of Music Director. Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the School of Music Office.

An applied music fee of $100 per semester in addition to regular tuition is assessed for all registrations in the MUSP MINOR SERIES.

An applied music fee of $200 per semester in addition to regular tuition is assessed for all registrations in the MUSP PRINCIPAL and MAJOR SERIES.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.
SUFFIX—INSTRUMENT
A——Piano
B——Voice
C——Violin
D——Viola
E——Cello
F——Bass
G——Flute
H——Oboe
I——Clarinet
K——Saxophone
L——Horn
M——Trumpet
N——Trombone
O——Tuba
P——Euphonium
Q——Percussion
S——World inst
T——Composition
U——Conducting graduate
V——Harp
W——Electronic comp.
X——Hist inst - keyboard
Y——Hist inst - strings
Z——Hist inst - winds

MINOR SERIES

Intended for either music majors studying a secondary instrument or a limited number of non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 *(PermReq)* **Music Performance; Minor Series. (2 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, U, V, X, Y, Z
Time and room to be arranged.

Minor series lessons for non-majors are given on a space-available basis and may not be registered for before the beginning of the semester. Contact the appropriate Division Chair on the first day of classes, giving your name, telephone number, and number of years of piano study. Your name will be placed on a waiting list, and if there is an opening for you in a faculty member's schedule, then you will be called by that faculty member. At that point you will register for the course.

PRINCIPAL SERIES

Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 *(PermReq)* Music Performance; Principal Series. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, X, Y, Z
Time and room to be arranged.

MUSP609 *(PermReq)* Interpretation and Repertoire. **(2 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, X
Time and room to be arranged.

MUSP610 *(PermReq)* Graduate Music Performance. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, X
Time and room to be arranged.

MAJOR SERIES

Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 *(PermReq)* Music Performance; Major Series. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, W
Time and room to be arranged.

MUSP619 *(PermReq)* Interpretation and Repertoire. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, V, W
Time and room to be arranged.

MUSP620 *(PermReq)* Graduate Music Performance. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, V, W
Time and room to be arranged.

MUSP719 *(PermReq)* Interpretation and Repertoire. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP815 *(PermReq)* Interpretation, Performance, and Pedagogy. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP816 *(PermReq)* Interpretation, Performance, and Pedagogy. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP817 *(PermReq)* Interpretation, Performance, and Pedagogy. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

NACS Neuroscience & Cognitive Science (Life Sciences)

NACS618 *(PermReq)* **The Classics in Neuroscience and Cognitive Science; (2)** REG/AUD.
0101 **(51663)** Washington, C.
Th 12:30pm-2:00pm (PLS 1158)

NACS641 Introduction to Neurosciences; (4) REG/AUD.
0101 **(51822)** STAFF
MWF 1:00pm-3:00pm (CSS 2114)

NACS728D Selected Topics in Neuroscience and Cognitive Science: Neuroscience of Language; (3) REG/AUD.
0101 **(51692)** Poeppel, D.
Tu 2:00pm-5:00pm (SYM 2109)

NACS728L Selected Topics in Neuroscience and Cognitive Science: Neurophysiology; (3) REG/AUD.
0101 **(51797)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)

NFSC Nutrition and Food Science (Agriculture and Natural Resources)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NFSC100 Elements of Nutrition; (3) REG/P-F/AUD. CORE: LS *Formerly NUTR 100.*
0101 **(41767)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
Th 8:30am-9:30am (MMH 3418) Dis
0102 **(41768)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
W 3:00pm-3:50pm (MMH 0108) Dis
0103 **(41769)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
W 11:00am-11:50am (MMH 3418) Dis
0104 **(41770)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
Th 1:00pm-1:50pm (ARM 0118) Dis
0105 **(41771)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
F 11:00am-11:50am (MMH 3418) Dis
0106 **(41772)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
F 10:00am-10:50am (ARM 0103) Dis
0107 **(41773)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
W 10:00am-10:50am (MMH 3418) Dis
0108 **(41774)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
W 2:00pm-2:50pm (ZOP 1232) Dis
0109 **(41775)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
Tu 2:00pm-2:50pm (MMH 3418) Dis
0110 **(41776)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
Th 3:00pm-3:50pm (ZOP 1124) Dis
0111 **(41777)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
Tu 1:00pm-1:50pm (WDS 1131) Dis
Section 0111 is recommended for NFSC majors only.
0112 **(41778)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
W 1:00pm-1:50pm (WDS 1130) Dis
0113 **(41779)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
W 12:00pm-12:50pm (ZOP 1232) Dis
0114 **(41780)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
Th 11:30am-12:20pm (CHM 0119) Dis
0115 **(41781)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
W 9:00am-9:50am (SKN 1115) Dis
0116 **(41782)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
F 12:00pm-12:50pm (ARM 0120) Dis
0117 **(41783)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
W 4:00pm-4:50pm (MMH 1304) Dis
0118 **(41784)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
Th 2:00pm-2:50pm (MMH 0108) Dis

NFSC100+ Elements of Nutrition; (3) REG/P-F/AUD. CORE: LS *Formerly NUTR 100.* Restricted to College Park Scholars - Advocates for Children.
0119 **(41794)** Ahrens, R.
TuTh 10:00am-10:50am (ZOP 1240)
Tu 3:00pm-3:50pm (ARM 0105) Dis

NFSC100H Elements of Nutrition; (3) REG/P-F/AUD. CORE: LS *Formerly NUTR 100.* For general honors students only.
0101 **(41804)** Brannon, P.
TuTh 10:00am-10:50am (ZOP 1240)
F 9:00am-9:50am (MMH 0108) Dis

NFSC250 *(PermReq)* **Science of Food; (4)** REG/P-F/AUD. *Prerequisites: NFSC 112; and CHEM 103; and CHEM 113; permission of department. For NFSC majors only. Formerly FOOD 250.*
0101 **(41814)** Curtis, S.
MWF 12:00pm-12:50pm (MMH 1304)
Th 2:00pm-5:00pm (MMH 3401) Lab
0102 **(41815)** Curtis, S.
MWF 12:00pm-12:50pm (MMH 1304)
W 2:00pm-5:00pm (MMH 3401) Lab

NFSC350 *(PermReq)* **Foodservice Operations; (5)** REG. *Prerequisite: NFSC 250. Pre- or corequisite: MICB 200. Corequisite: BMGT 364. For Dietetics majors only. Formerly FSAD 350.*
0101 **(41827)** Curtis, S.
MF 9:30am-10:45am (MMH 3418)
Tu 8:00am-1:30pm (MMH 3108) Lab
0102 **(41828)** Curtis, S.
MF 9:30am-10:45am (MMH 3418)
Th 8:00am-1:30pm (MMH 3108) Lab

NFSC380 Methods of Nutritional Assessment; (3) REG/P-F/AUD. *Prerequisite: NFSC 315. Corequisite: BCHM 461. For NFSC majors only.*
0101 **(41839)** Moser-Veillon, P.
MW 1:00pm-1:50pm (MMH 1400)
M 3:00pm-6:00pm (MMH 3419) Lab
0102 **(41840)** Moser-Veillon, P.
MW 1:00pm-1:50pm (MMH 1400)
Tu 2:00pm-5:00pm (MMH 3419) Lab
0104 **(41842)** Moser-Veillon, P.
MW 1:00pm-1:50pm (MMH 1400)
F 9:00am-12:00pm (MMH 3419) Lab

NFSC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: permission of department. Formerly FDSC 386 and NUTR 386. 56 semester hours.*
0901 **(41855)** STAFF
Time and room to be arranged

NFSC399 *(PermReq)* **Special Problems in Food Science; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC403 Medicinal and Poisonous Plants; (2) REG/P-F/AUD. *Prerequisites: BIOL 105 and CHEM 104.*
0101 **(41876)** Bean, G.
TuTh 9:00am-9:50am (HJP 1229)

NFSC421 *(PermReq)* **Food Chemistry; (3)** REG/P-F/AUD. *Prerequisite: BCHM 461. Formerly FDSC 421.*
0101 **(41886)** Vijay, I.
MWF 11:00am-11:50am (CSS 0201)

NFSC423 Food Chemistry Laboratory; (2) REG/P-F/AUD. *Pre- or corequisite: NFSC 421. Formerly FDSC 423.*
0101 **(41896)** Boyle-Roden, E.
Th 8:30am-12:00pm (MMH 3419) Lab

NFSC425 International Nutrition; (3) REG/P-F/AUD. *Prerequisite: course in basic nutrition. Formerly NUTR 425.*
0101 **(41906)** Jackson, R.
TuTh 11:00am-12:15pm (MMH 1304)

NFSC431 Food Quality Control; (4) REG/P-F/AUD. *Formerly FDSC 431.*
0101 **(41916)** Fernandez-Zozaya, C.
M 8:00am-11:00am (MMH 0108)
F 9:00am-11:00am (MMH 3401) Lab

NFSC440 *(PermReq)* **Advanced Human Nutrition; (4)** REG. *Prerequisites: NFSC 100 or NFSC 200; and BCHM 462; and ZOOL 422. Formerly NUTR 440.*
0101 **(41926)** Cooney, K.
MW 2:00pm-2:50pm (MMH 1400)
F 1:00pm-2:50pm (MMH 1400)

NFSC468 *(PermReq)* **Practicum in Nutrition; (1-6)** S-F.
0101 **(41936)** Curtis, S.
Time and room to be arranged

NFSC490 *(PermReq)* **Special Problems in Nutrition; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: NFSC 440 and permission of department. Formerly NUTR 490.*

NFSC498 *(PermReq)* **Selected Topics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC498A *(PermReq)* **Selected Topics: Individual Study; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC498D *(PermReq)* **Selected Topics: Professional Issues in Dietetics; (1)** REG/P-F/AUD.
0101 **(41976)** Curtis, S.
Tu 4:00pm-4:50pm (WDS 0104)

NFSC678A Selected Topics in Nutrition; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC678D Selected Topics in Nutrition: Diet and Disease; (3) REG/AUD.
0101 **(41996)** Blake, A.
Tu 4:00pm-6:30pm (MMH 3112)

NFSC678L Selected Topics in Nutrition; (3) REG/AUD.
0101 **(42006)** Boyle-Roden, E.
MW 3:00pm-4:30pm (MMH 3304B)

NFSC678T Selected Topics in Nutrition: College Teaching; (1) REG.
0101 **(42007)** Brannon, P.
Th 5:30pm-6:45pm (MMH 3304B)

NFSC680 Human Nutritional Status; (3) REG/AUD. *Prerequisites: advanced nutrition, biochemistry and physiology. Formerly NUTR 680.*
0101 **(42016)** Moser-Veillon, P.
MW 4:00pm-5:15pm (MMH 3112)

NFSC688 *(PermReq)* **Seminar in Nutrition; (1)** REG/AUD.
0101 **(42026)** Brannon, P.
Th 4:00pm-4:50pm (MMH 0108)

NFSC698 *(PermReq)* **Colloquium in Food Science; (1)** REG/AUD.
0101 **(42036)** Boyle-Roden, E.
Tu 4:00pm-4:50pm (KEY 0119)

NFSC699 *(PermReq)* **Problems in Nutrition and Food Science; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

NFSC888 *(PermReq)* **Doctoral Seminar; (1)** REG/AUD.
0101 **(42089)** Brannon, P.
Th 4:00pm-4:50pm (MMH 0108)

NFSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

NRMT Natural Resources Management
(Agriculture and Natural Resources)

NRMT314 Biology and Management of Finfish; (4) REG. *Prerequisite: one year of biology or zoology. Formerly AGRI 314.*
0101 **(42172)** Rugolo, L.
TuTh 5:00pm-6:15pm (ANS 0412)

NRMT389 *(PermReq)* **Internship; (3)** S-F.
0001 **(42182)** Kangas, P.
Time and room to be arranged

NRMT450 Wetland Ecology; (3) REG. *Prerequisite: BIOM 301 or permission of department. Also offered as MEES 650. Credit will be granted for only one of the following: NRMT 450 or MEES 650.*
0101 **(42223)** Baldwin, A.
Tu 11:00am-11:50am (ANS 0402)
Th 9:00am-12:50pm (ANS 0402)

NRMT461 Urban Wildlife Management; (3) REG/P-F/AUD.
0101 **(42192)** Adams, L.
TuTh 8:00am-9:15am (ANS 0412)

NRMT470 *(PermReq)* **Natural Resources Management; (4)** REG. CORE: CS *Senior standing. For NRMT majors only.* Second semester juniors and seniors only.
0101 **(42202)** Kangas, P.
MW 3:00pm-4:55pm (ANS 0538)

NRMT489 *(PermReq)* **Field Experience; (1-4)** REG/P-F/AUD.
0001 **(42212)** Kangas, P.
Time and room to be arranged
1101 **(42213)** Baldwin, A.
Time and room to be arranged

NRMT489B Field Experience: Park Management; (1) REG.
0101 **(42233)** Mallow, J.
W 5:00pm-5:50pm (ANS 0422)

NRMT489E Field Experience: Ecological Risk and Impact Assessment; (3) REG/P-F/AUD.
0101 **(42243)** Baldwin, A.
TuTh 3:30pm-4:45pm (ANS 0422)

PBIO Plant Biology
(Life Sciences)

PBIO100 Plant Biology for Non-Science Students; (3) REG/P-F/AUD. *For non-science majors only. Not open to students who have completed BIOL 105. Formerly BOTN 104.* CORE Life Sciences Lab (LL) Course only when taken concurrently with PBIO 101.
1001 **(42293)** Reveal, J.
MWF 10:00am-10:50am (HJP 0226)
2001 **(42294)** Straney, D.
TuTh 11:00am-12:15pm (HJP 0226)
3001 **(42295)** Browning, J.
TuTh 3:30pm-4:45pm (HJP 0226)

PBIO101 Laboratory in Plant Biology; (1) REG/P-F/AUD. *Pre- or corequisite: PBIO 100. For non-science majors only. Formerly BOTN 105.* CORE Life Science Lab (LL) Course only when taken concurrently with PBIO 100. Students must pay a $40.00 Laboratory Materials fee.
1102 **(42306)** Barnett, N.
M 12:00pm-3:00pm (HJP 1105) Lab
1103 **(42307)** Barnett, N.
M 12:00pm-3:00pm (HJP 1125) Lab
1104 **(42308)** Barnett, N.
M 3:00pm-6:00pm (HJP 1105) Lab
1105 **(42309)** Barnett, N.
M 3:00pm-6:00pm (HJP 1125) Lab
1107 **(42311)** Barnett, N.
Tu 9:30am-12:30pm (HJP 1125) Lab
1108 **(42312)** Barnett, N.
Tu 12:30pm-3:30pm (HJP 1125) Lab
1109 **(42313)** Barnett, N.
Tu 12:30pm-3:30pm (HJP 1105) Lab
1110 **(42314)** Barnett, N.
Tu 3:30pm-6:30pm (HJP 1105) Lab
1111 **(42315)** Barnett, N.
Tu 3:30pm-6:30pm (HJP 1125) Lab
1112 **(42316)** Barnett, N.
W 9:00am-12:00pm (HJP 1125) Lab
1113 **(42317)** Barnett, N.
W 12:00pm-3:00pm (HJP 1105) Lab
1114 **(42318)** Barnett, N.
W 12:00pm-3:00pm (HJP 1125) Lab
1115 **(42319)** Barnett, N.
W 3:00pm-6:00pm (HJP 1105) Lab
1118 **(42322)** Barnett, N.
Th 12:30pm-3:30pm (HJP 1125) Lab
1121 **(42325)** Barnett, N.
Th 3:30pm-6:30pm (HJP 1125) Lab
1122 **(42326)** Barnett, N.
F 9:00am-12:00pm (HJP 1125) Lab

PBIO200 Introductory Plant Biology; (4) REG/P-F/AUD. *Prerequisite: BIOL 105 or HORT 100 or permission of department. Formerly BOTN 207.* Course is taught in the fall semester only. Students must pay a $40.00 Laboratory Materials fee.
0101 **(42336)** Cooke, T.
MWF 11:00am-11:50am (HJP 1229)
W 1:00pm-4:00pm (HJP 2226) Lab
0102 **(42337)** Cooke, T.
MWF 11:00am-11:50am (HJP 1229)
Th 1:00pm-4:00pm (HJP 2226) Lab

PBIO235 Environmental Science; (3) REG/P-F/AUD. CORE: LS *Formerly BOTN 211.*
0101 **(42347)** Koines, P.
MW 11:00am-11:50am (ZOP 1250)
F 11:00am-11:50am (PLS 1158) Dis
0102 **(42348)** Koines, P.
MW 11:00am-11:50am (ZOP 1250)
F 11:00am-11:50am (PLS 1180) Dis
0103 **(42349)** Koines, P.
MW 11:00am-11:50am (ZOP 1250)
F 9:00am-9:50am (PLS 1162) Dis
0104 **(42350)** Koines, P.
MW 11:00am-11:50am (ZOP 1250)
Th 10:00am-10:50am (PLS 1184) Dis
0105 **(42351)** Koines, P.
MW 11:00am-11:50am (ZOP 1250)
Th 11:00am-11:50am (PLS 1184) Dis
0106 **(42352)** Koines, P.
MW 11:00am-11:50am (ZOP 1250)
Th 11:00am-11:50am (PLS 1111) Dis

PBIO328 Selected Topics in Plant Biology; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Students must pay a $40.00 Laboratory Materials fee.

PBIO328K Selected Topics in Plant Biology: Photosynthetic Life; (3) REG/P-F/AUD. Prerequisites: Equivalent of BCHM 461 and at least 3 credits in Evolution or Systematics.
0101 **(42380)** Delwiche, C.
MWF 1:00pm-1:50pm (HJP 1229)

PBIO379 *(PermReq)* **Honors Research Problems in Plant Biology; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

PBIO399 *(PermReq)* **Research Problems in Plant Biology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO400 Cell Biology; (4) REG/P-F. *Prerequisites: BIOL 222 and CHEM 233 and ZOOL 211. Also offered as ZOOL 411. Credit will be granted for only one of the following: PBIO 400 or ZOOL 411. Formerly BOTN 420.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(42429)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
M 1:00pm-5:00pm (PLS 1171) Lab
0102 **(42430)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
Tu 1:00pm-5:00pm (PLS 1171) Lab
0103 **(42431)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
W 1:00pm-5:00pm (PLS 1171) Lab

PBIO420 Plant Physiology; (4) REG/P-F/AUD. *Prerequisites: BIOL 105 and CHEM 103. Formerly BOTN 441.* Course is taught in the fall semester only. Students must pay a $40.00 Laboratory Materials fee.
0101 **(42442)** Sze, H.
TuTh 11:00am-12:15pm (HJP 2242)
M 9:00am-12:00pm (HJP 2230) Lab
0102 **(42443)** Sze, H.
TuTh 11:00am-12:15pm (HJP 2242)
M 1:00pm-4:00pm (HJP 2230) Lab
0104 **(42444)** Sze, H.
TuTh 11:00am-12:15pm (HJP 2242)
M 6:00pm-9:00pm (HJP 2230) Lab
0106 **(42446)** Sze, H.
TuTh 11:00am-12:15pm (HJP 2242)
Tu 1:00pm-4:00pm (HJP 2230) Lab

PBIO430 Principles of Microscopy; (2) REG/P-F/AUD. *Prerequisite: PBIO 400 or ZOOL 411 or equivalent. Formerly BOTN 456.*
0101 **(42456)** Wolniak, S.
MW 8:00am-8:50am (HJP 1216)

PBIO455 Ecology of Marsh and Dune Vegetation; (2) REG/P-F/AUD. *Prerequisite: BIOL 105. Formerly BOTN 463.* Applies to Biological Sciences Specialization Areas: MARB, BEES, EEBB, PLNT, BGEN, and GENB.
0101 **(42466)** Koines, P.
TuTh 10:00am-10:50am (HJP 2242)

PBIO485 Medicinal and Poisonous Plants; (2) REG/P-F/AUD. *Prerequisites: BIOL 105 and CHEM 104. Formerly BOTN 403.* Course is taught in the fall semester only.
0101 **(42476)** Bean, G.
TuTh 9:00am-9:50am (HJP 1229)

PBIO699A *(PermReq)* **Special Problems in Plant Biology: Cell Biology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699B *(PermReq)* **Special Problems in Plant Biology: Pathology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699C *(PermReq)* **Special Problems in Plant Biology: Physiology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699F *(PermReq)* **Special Problems in Plant Biology: Morphology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699G Special Problems in Plant Biology: Genetic Approaches to Cell and Developmental Biology; (2) REG/AUD.
0101 **(42496)** Liu, Z.
M 4:00pm-6:00pm (HJP 1216)

PBIO699J *(PermReq)* **Special Problems in Plant Biology: Genetics; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699K Special Problems in Plant Biology: Photosynthetic Life; (3) REG/AUD. Prerequisites: Equivalent of Biochemistry 461 and at least 3 credits in Evolution or Systematics.
0101 **(42510)** Delwiche, C.
MWF 1:00pm-1:50pm (HJP 1229)

PBIO699N *(PermReq)* **Special Problems in Plant Biology: Plant Systematics; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO745 Plant Ecological Genetics; (3) REG/AUD. *Prerequisites: BIOL 222 and PBIO 445 or ZOOL 440 or permission of instructor. Formerly BOTN 653.*
0101 **(42560)** Fenster, C.
TuTh 10:00am-11:20am (ZOP 1230)

PBIO799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

PBIO899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

PHIL Philosophy
(Arts and Humanities)

PHIL100 Introduction to Philosophy; (3) REG/P-F/AUD. CORE: HO
0101 **(42609)** Rey, G.
TuTh 12:00pm-12:50pm (JMZ 0220)
M 9:00am-9:50am (SKN 1115) Dis
0102 **(42610)** Rey, G.
TuTh 12:00pm-12:50pm (JMZ 0220)
M 10:00am-10:50am (TYD 1128) Dis
0103 **(42611)** Rey, G.
TuTh 12:00pm-12:50pm (JMZ 0220)
M 12:00pm-12:50pm (ARC 1101) Dis
0104 **(42612)** Rey, G.
TuTh 12:00pm-12:50pm (JMZ 0220)
M 9:00am-9:50am (LEF 1222) Dis
0105 **(42613)** Rey, G.
TuTh 12:00pm-12:50pm (JMZ 0220)
M 10:00am-10:50am (ARC 1103) Dis
0106 **(42614)** Rey, G.
TuTh 12:00pm-12:50pm (JMZ 0220)
M 1:00pm-1:50pm (SKN 1115) Dis
0201 **(42615)** Kerstein, S.
MW 11:00am-11:50am (SKN 0200)
F 9:00am-9:50am (SKN 1115) Dis
0202 **(42616)** Kerstein, S.
MW 11:00am-11:50am (SKN 0200)
F 11:00am-11:50am (JRN 1104) Dis
0203 **(42617)** Kerstein, S.
MW 11:00am-11:50am (SKN 0200)
F 12:00pm-12:50pm (WDS 1131) Dis
0204 **(42618)** Kerstein, S.
MW 11:00am-11:50am (SKN 0200)
F 9:00am-9:50am (HBK 1116) Dis
0205 **(42619)** Kerstein, S.
MW 11:00am-11:50am (SKN 0200)
F 11:00am-11:50am (ARM 0105) Dis
0206 **(42620)** Kerstein, S.
MW 11:00am-11:50am (SKN 0200)
F 12:00pm-12:50pm (ARM 0105) Dis
0301 **(42621)** STAFF
MWF 10:00am-10:50am (COL 3111)

PHIL100H Introduction to Philosophy; (3) REG/P-F/AUD. CORE: HO For general honors students only.
0101 **(42630)** Rey, G.
W 12:00pm-2:50pm (ARM 0116)

PHIL140 Contemporary Moral Issues; (3) REG/P-F/AUD. CORE: HO
0101 **(42640)** Odell, S.
MW 1:00pm-1:50pm (JMZ 0220)
F 10:00am-10:50am (ZOP 1228) Dis
0102 **(42641)** Odell, S.
MW 1:00pm-1:50pm (JMZ 0220)
F 1:00pm-1:50pm (ASY 3215) Dis
0103 **(42642)** Odell, S.
MW 1:00pm-1:50pm (JMZ 0220)
F 2:00pm-2:50pm (ASY 3211) Dis
0104 **(42643)** Odell, S.
MW 1:00pm-1:50pm (JMZ 0220)
F 10:00am-10:50am (KEY 0121) Dis
0105 **(42644)** Odell, S.
MW 1:00pm-1:50pm (JMZ 0220)
F 1:00pm-1:50pm (SKN 1115) Dis
0106 **(42645)** Odell, S.
MW 1:00pm-1:50pm (JMZ 0220)
F 2:00pm-2:50pm (JRN 1105) Dis
0201 **(42646)** STAFF
TuTh 3:00pm-3:50pm (KEY 0106)
F 9:00am-9:50am (SKN 0104) Dis
0202 **(42647)** STAFF
TuTh 3:00pm-3:50pm (KEY 0106)
F 10:00am-10:50am (JRN 1104) Dis
0203 **(42648)** STAFF
TuTh 3:00pm-3:50pm (KEY 0106)
F 1:00pm-1:50pm (TYD 1114) Dis
0204 **(42649)** STAFF
TuTh 3:00pm-3:50pm (KEY 0106)
F 9:00am-9:50am (KEY 0116) Dis
0205 **(42650)** STAFF
TuTh 3:00pm-3:50pm (KEY 0106)
F 10:00am-10:50am (JRN 1105) Dis
0206 **(42651)** STAFF
TuTh 3:00pm-3:50pm (KEY 0106)
F 1:00pm-1:50pm (TYD 1128) Dis
0301 **(43165)** Giovannelli, A.
TuTh 12:30pm-1:45pm (TYD 1101)

PHIL140+ Contemporary Moral Issues; (3) REG/P-F/AUD. CORE: HO Restricted to students in a First Year Focus Cluster.
0102 **(42652)** Odell, S.
MW 1:00pm-1:50pm (JMZ 0220)
F 1:00pm-1:50pm (ASY 3215) Dis
0104 **(42653)** Odell, S.
MW 1:00pm-1:50pm (JMZ 0220)
F 10:00am-10:50am (KEY 0121) Dis

A note about PHIL 170, PHIL 173, PHIL 271 and PHIL 273. All three are introductory logic courses. PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 and PHIL 174 concentrate on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 271 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. PHIL 273 emphasizes the relation of logic to traditional philosophical problems. All five courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; (3) REG/P-F/AUD. CORE: MS
0101 **(42661)** Odell, S.
MW 12:00pm-12:50pm (ASY 2309)
F 9:00am-9:50am (HJP 1229) Dis
0102 **(42662)** Odell, S.
MW 12:00pm-12:50pm (ASY 2309)
F 10:00am-10:50am (HJP 1229) Dis
0103 **(42663)** Odell, S.
MW 12:00pm-12:50pm (ASY 2309)
F 12:00pm-12:50pm (HJP 1229) Dis
0201 **(42664)** Skipper, R.
TuTh 2:00pm-3:15pm (TLF 2101)

PHIL209H *(PermReq)* **Honors Seminar: Norms and Values in the Human Sciences; (3)** REG. CORE: HO For general honors students only.
0101 **(42673)** Greenspan, P.
MW 2:00pm-3:15pm (SKN 1116)

PHIL209P Philosophical Issues: Philosophy and Computers; (3) REG/AUD. CORE: MS
0101 **(42683)** Cherniak, C.
TuTh 2:00pm-3:15pm (SKN 1115)

PHIL250 Philosophy of Science I; (3) REG/AUD. CORE: HO
0101 **(42693)** Iseda, T.
TuTh 12:30pm-1:45pm (SKN 1115)

PHIL256 Philosophy of Biology I; (3) REG/AUD. CORE: HO
0101 **(42703)** Darden, L.
TuTh 12:30pm-1:45pm (SKN 1112)

PHIL271 Symbolic Logic I; (3) REG/AUD. CORE: MS *Formerly PHIL 371.*
0101 **(42713)** Stairs, A.
TuTh 9:30am-10:45am (SKN 1115)

PHIL280 Introduction to Cognitive Science; (3) REG/P-F/AUD. CORE: SB
0101 **(42723)** Morreau, M.
TuTh 12:30pm-1:45pm (SKN 0104)

PHIL308A Studies in Contemporary Philosophy: Philosophy of Literature and Film; (3) REG/AUD. Prerequisite: one course in philosophy or literature or the arts.
0101 **(42733)** Brown, J.
TuTh 2:00pm-3:15pm (SKN 1112)

PHIL308X Studies in Contemporary Philosophy: Metaphysics for the Milennium; (3) REG/P-F/AUD.
0101 **(42743)** Stairs, A.
TuTh 12:30pm-1:45pm (ZOP 2283)

PHIL310 Ancient Philosophy; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy or classics.*
0101 **(42753)** Celarier, J.
MWF 11:00am-11:50am (SKN 1112)

PHIL320 Modern Philosophy; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy.*
0101 **(42763)** Manekin, C.
MW 2:00pm-3:15pm (KEY 0103)

PHIL326 Twentieth Century Analytic Philosophy; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy. Recommended: PHIL 320.*
0101 **(42773)** Rey, G.
TuTh 2:00pm-3:15pm (SKN 1116)

PHIL331 Philosophy of Art; (3) REG/P-F/AUD. *Prerequisite: one course in philosophy or two courses in the creative arts.*
0101 **(42783)** Levinson, J.
TuTh 11:00am-12:15pm (MMH 3418)

PHIL332 Philosophy of Beauty; (3) REG/P-F/AUD. *Prerequisites: two courses in philosophy, literature, or the arts.*
0101 **(42793)** Brown, J.
TuTh 9:30am-10:45am (SKN 0104)

PHIL341 Introduction to Ethical Theory; (3) REG/P-F/AUD. *Prerequisite: one course in PHIL. Not open to students who have completed PHIL 142. Formerly PHIL 142.*
0101 **(42794)** Kerstein, S.
MW 12:30pm-1:45pm (KEY 1117)

PHIL380 Philosophy of Psychology: Introduction; (3) REG/AUD. *Prerequisite: one course in philosophy or permission of department. Not open to students who have completed PHIL 465. Formerly PHIL 465.*
0101 **(42803)** Pietroski, P.
TuTh 9:30am-10:45am (JMZ 0122)

PHIL386 *(PermReq)* **Experiential Learning; (6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.* Consult Director of Undergraduate Studies: A. Stairs. Prerequisites: 12 credit hours of philosophy and 3.0 GPA. Carries no credit toward philosophy major.

PHIL414 The Philosophy of Aristotle; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy.*
0101 **(42814)** Celarier, J.
MW 2:00pm-3:15pm (SKN 1115)

PHIL417 The Golden Age of Jewish Philosophy; (3) REG/P-F/AUD. *Prerequisite: 3 credits in philosophy or permission of department. Also offered as JWST 452. Not open to students who have completed JWST 452. Credit will be granted for only one of the following: PHIL 417 or JWST 452.*
0101 **(42824)** Manekin, C.
Tu 3:30pm-6:00pm (SKN 0104)

PHIL440 Contemporary Ethical Theory; (3) REG. *Prerequisite: PHIL 341.*
0101 **(42834)** Greenspan, P.
MW 11:00am-12:15pm (SKN 1116)

PHIL447 Philosophy of Law; (3) REG/AUD. *Prerequisite: one course in philosophy.*
0101 **(42844)** Lichtenberg, J.
TuTh 11:00am-12:15pm (SKN 1115)

PHIL450 Scientific Thought I; (3) REG/P-F/AUD. *Prerequisite: one course in philosophy or a major in science.*
0101 **(42854)** Wallace, W.
TuTh 12:30pm-1:45pm (SKN 1116)

PHIL452 Philosophy of Physics; (3) REG/AUD. *Prerequisite: three credits in philosophy or three credits in physics.*
0101 **(42864)** Bub, J.
TuTh 2:00pm-3:15pm (WDS 0104)

PHIL453 Philosophy of Science II; (3) REG/AUD. *Prerequisite: PHIL 250, an upper-level course in philosophy, or a major in science.*
0101 **(42874)** Bub, J.
TuTh 11:00am-12:15pm (SKN 1116)

PHIL464 Metaphysics; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy.*
0101 **(42884)** Devitt, M.
TuTh 11:00am-12:15pm (TYD 0111)

PHIL498F *(PermReq)* **Topical Investigations; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL498G *(PermReq)* **Topical Investigations; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL688A Selected Problems in Philosophy: The Philosophy of Aristotle; (3) REG/AUD.
0101 **(42938)** Celarier, J.
MW 2:00pm-3:15pm (SKN 1115)

PHIL688B Selected Problems in Philosophy: Philosophy of Science II; (3) REG/AUD.
0101 **(42948)** Bub, J.
TuTh 11:00am-12:15pm (SKN 1116)

PHIL688D *(PermReq)* **Selected Problems in Philosophy: The Classics in Neuroscience and Cognitive Science; (2)** REG/AUD.
0101 **(42949)** Washington, C.
Th 12:30pm-2:00pm (PLS 1158)

PHIL688E Selected Problems in Philosophy: Proseminar in Politics, Philosophy, and Public Policy; (3) REG/AUD. Course is team taught by Dr. K. Soltan, Dr. P. Levine, and Dr. J. Lichtenberg. Also offered as PUAF 698E and GVPT 859B.
0101 **(42950)** Lichtenberg, J.
W 1:00pm-3:30pm (VMH 1109)

PHIL688F *(PermReq)* **Selected Problems in Philosophy; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL688G *(PermReq)* **Selected Problems in Philosophy; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL6881 Selected Problems in Philosophy: Metaphysics; (3) REG/AUD.
0101 **(43002)** Devitt, M.
TuTh 11:00am-12:15pm (TYD 0111)

PHIL688O Selected Problems in Philosophy: Contemporary Ethical Theory; (3) REG/AUD.
0101 **(43012)** Greenspan, P.
MW 11:00am-12:15pm (SKN 1116)

PHIL688P Selected Problems in Philosophy: Philosophy of Physics; (3) REG/AUD.
0101 **(43022)** Bub, J.
TuTh 2:00pm-3:15pm (WDS 0104)

PHIL688T Selected Problems in Philosophy: Twentieth Century Analytic Philosophy; (3) REG/AUD.
0101 **(43032)** Rey, G.
TuTh 2:00pm-3:15pm (SKN 1116)

PHIL788G *(PermReq)* **Research in Philosophy; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL7881 *(PermReq)* **Research in Philosophy; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

PHIL848K Seminar in Ethics: Foundations of Kantian Ethics; (3) REG/AUD.
0101 **(43108)** Kerstein, S.
M 5:00pm-7:30pm (SKN 1116)

PHIL858Z Seminar in Logic and Philosophy of Sciences: Explanation and Theory Change; (3) REG/AUD.
0101 **(43118)** Darden, L.
Tu 5:00pm-7:30pm (SKN 1116)

PHIL879Z Seminar in Philosophy and Cognitive Studies: Naturalized Semantics; (3) REG/AUD.
0101 **(43128)** Devitt, M.
Time and room to be arranged

PHIL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

PHYS Physics
(Computer, Mathematical and Physical Sciences)

PHYS101 Contemporary Physics - Revolutions in Physics; (3) REG/P-F/AUD. CORE: PS *Prerequisite: high school algebra through algebra 2 with trigonometry; (or MATH 113 or MATH 115). Not open to students who have completed PHYS 111 or PHYS 112.*
0101 **(43209)** Sagdeev, R.
MWF 2:00pm-2:50pm (PHY 1402)
Tu 11:00am-11:50am (PHY 1219) Dis
0102 **(43210)** Sagdeev, R.
MWF 2:00pm-2:50pm (PHY 1402)
Tu 1:00pm-1:50pm (PHY 1221) Dis

PHYS102 Physics of Music; (3) REG/P-F/AUD. *Prerequisite: high school algebra. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 103.
0101 **(43220)** Roberts, D.
TuTh 9:30am-10:45am (PHY 1410)

PHYS102+ Physics of Music; (3) REG/P-F/AUD. *Prerequisite: high school algebra. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* Restricted to students in a First Year Focus Cluster.
0101 **(43221)** Roberts, D.
TuTh 9:30am-10:45am (PHY 1410)

PHYS103 Physics of Music Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: PHYS 102. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 102.
0101 **(43230)** STAFF
Th 11:00am-12:50pm (PHY 3213) Lab
0201 **(43231)** STAFF
Th 1:00pm-2:50pm (PHY 3213) Lab
0301 **(43232)** STAFF
Th 3:30pm-5:20pm (PHY 3213) Lab
0501 **(43234)** STAFF
F 12:00pm-1:50pm (PHY 3213) Lab

PHYS103+ Physics of Music Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: PHYS 102. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* Restricted to students in a First Year Focus Cluster.
0401 **(43235)** Berg, R.
F 10:00am-11:50am (PHY 3213) Lab

PHYS106 Light, Perception, Photography, and Visual Phenomena; (3) REG/P-F/AUD. *Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Physical Science Lab (PL) Course only when taken with PHYS 107.
0101 **(43244)** Glick, A.
MWF 2:00pm-2:50pm (PHY 1412)

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: PHYS 106. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 106.
0101 **(43254)** Skuja, A.
Tu 9:00am-10:50am (PHY 3214) Lab
Section 0101 recommended for First Year students.
0201 **(43255)** Skuja, A.
Tu 2:00pm-3:50pm (PHY 3214) Lab
Section 0201 recommended for First Year students.
0301 **(43256)** Skuja, A.
W 9:00am-10:50am (PHY 3214) Lab
0501 **(43257)** Skuja, A.
W 12:00pm-1:50pm (PHY 3214) Lab
0701 **(43258)** Skuja, A.
Th 10:00am-11:50am (PHY 3214) Lab
0801 **(43259)** Skuja, A.
Th 2:00pm-3:50pm (PHY 3214) Lab

PHYS111 Physics in the Modern World; (3) REG/P-F/AUD. CORE: PS Intended for students who will continue in PHYS 112. Offered fall only.
0101 **(43271)** Alley, C.
MWF 9:00am-9:50am (PHY 1410)

PHYS117 Introduction to Physics; (4) REG/P-F/AUD. CORE: PL *Prerequisite: qualification to enter MATH 110.*
0101 **(43281)** Griffin, J.
MWF 2:00pm-2:50pm (PHY 1410)
M 4:00pm-5:50pm (PHY 3316) Lab
0102 **(43282)** Griffin, J.
MWF 2:00pm-2:50pm (PHY 1410)
Tu 4:00pm-5:50pm (PHY 3316) Lab
0104 **(43283)** Griffin, J.
MWF 2:00pm-2:50pm (PHY 1410)
W 4:00pm-5:50pm (PHY 3316) Lab
0105 **(43284)** Griffin, J.
MWF 2:00pm-2:50pm (PHY 1410)
Tu 12:00pm-1:50pm (PHY 3316) Lab
0301 **(43285)** Sullivan, G.
MTuW 2:00pm-4:00pm (PHY 3316)
Section 0301 is recommended for elementary education majors.

PHYS117A Introduction to Physics; (4) REG/P-F/AUD. CORE: PL *Prerequisite: qualification to enter MATH 110.* Intended for elementary education majors only.
0101 **(43295)** Eno, S.
MTuW 9:00am-11:00am (PHY 3316)
0201 **(43296)** Sullivan, G.
MTuW 2:00pm-4:00pm (PHY 3316)

PHYS121 Fundamentals of Physics I; (4) REG/P-F/AUD. CORE: PL *Prerequisite: previous course work in trigonometry or MATH 115.* Physics clinic, PHY 1214, MTWHF 11,1.
0101 **(43306)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1410)
W 5:00pm-6:50pm (PHY 3306) Lab
W 4:00pm-4:50pm (PHY 1402) Dis
0102 **(43307)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1410)
M 4:00pm-5:50pm (PHY 3306) Lab
M 3:00pm-3:50pm (PHY 4220) Dis
0103 **(43308)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1410)
Tu 11:00am-12:50pm (PHY 3306) Lab
Tu 10:00am-10:50am (PHY 4220) Dis
0104 **(43309)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1410)
Tu 1:00pm-2:50pm (PHY 3306) Lab
Tu 12:00pm-12:50pm (PHY 1221) Dis
0105 **(43310)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1410)
W 1:00pm-2:50pm (PHY 3306) Lab
W 12:00pm-12:50pm (PHY 1402) Dis
0106 **(43311)** Bhagat, S.
MWF 10:00am-10:50am (PHY 1410)
Th 9:00am-10:50am (PHY 3306) Lab
Th 8:00am-8:50am (PHY 1221) Dis
0201 **(43312)** Hamilton, D.
MWF 12:00pm-12:50pm (PHY 1410)
W 3:00pm-4:50pm (PHY 3306) Lab
W 2:00pm-2:50pm (PHY 0405) Dis
0203 **(43313)** Hamilton, D.
MWF 12:00pm-12:50pm (PHY 1410)
Th 11:00am-12:50pm (PHY 3306) Lab
Th 10:00am-10:50am (PHY 1402) Dis
0205 **(43314)** Hamilton, D.
MWF 12:00pm-12:50pm (PHY 1410)
Th 1:00pm-2:50pm (PHY 3306) Lab
Th 12:00pm-12:50pm (PHY 1221) Dis
0206 **(43315)** Hamilton, D.
MWF 12:00pm-12:50pm (PHY 1410)
M 2:00pm-3:50pm (PHY 3306) Lab
M 1:00pm-1:50pm (PHY 4220) Dis
0301 **(43316)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
Tu 9:00am-10:50am (PHY 3306) Lab
Tu 8:00am-8:50am (PHY 4220) Dis
0302 **(43317)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
M 10:00am-11:50am (PHY 3306) Lab
M 9:00am-9:50am (PHY 4220) Dis
0303 **(43318)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
M 12:00pm-1:50pm (PHY 3306) Lab
M 11:00am-11:50am (PHY 1221) Dis
0304 **(43319)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
Th 3:00pm-4:50pm (PHY 3306) Lab
Th 2:00pm-2:50pm (PHY 1402) Dis
0305 **(43320)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
Tu 3:00pm-4:50pm (PHY 3306) Lab
Tu 2:00pm-2:50pm (PHY 4220) Dis
0307 **(43321)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
W 9:00am-10:50am (PHY 3306) Lab
W 8:00am-8:50am (PHY 1219) Dis
0308 **(43322)** Redish, E.
TuTh 12:30pm-1:45pm (PHY 1412)
W 11:00am-12:50pm (PHY 3306) Lab
W 10:00am-10:50am (PHY 1221) Dis
0401 **(43323)** Drew, H.
MW 7:00pm-8:30pm (PHY 1412)
Tu 7:30pm-9:20pm (PHY 3306) Lab
Tu 6:30pm-7:20pm (PHY 1219) Dis
0402 **(43324)** Drew, H.
MW 7:00pm-8:30pm (PHY 1412)
Th 5:00pm-6:50pm (PHY 3306) Lab
Tu 6:00pm-6:50pm (PHY 4208) Dis
0403 **(43325)** Drew, H.
MW 7:00pm-8:30pm (PHY 1412)
Tu 5:00pm-6:50pm (PHY 3306) Lab
Th 6:00pm-6:50pm (PHY 4208) Dis
0501 **(43326)** Kim, Y.
Tu 6:30pm-8:20pm (PHY 1410)
Th 6:30pm-7:20pm (PHY 1410)
Th 7:30pm-9:20pm (PHY 3306) Lab
Tu 8:30pm-9:20pm (PHY 1402) Dis
Section 0501 is recommended for post-baccalaureate students.
0601 **(43327)** STAFF
TuTh 12:30pm-1:45pm (Arranged)
M 6:00pm-7:50pm (PHY 3306) Lab
M 5:00pm-5:50pm (PHY 4208) Dis

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8101 **(*****)** Kim, Y.
Tu 6:30pm-8:20pm (PHY 1410)
Th 6:30pm-7:20pm (PHY 1410)
Th 7:30pm-9:20pm (PHY 3306) Lab
Tu 8:30pm-9:20pm (PHY 1402) Dis

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Dr. Lucinda Jack, 1122 Symons Hall; phone (301)405-0316; email: evening@life.umd.edu.

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PHYS122 Fundamentals of Physics II; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 121 or equivalent.* Physics clinic, PHY 1214, MTWHF 12,2.
0101 **(43338)** Dorfman, R.
MWF 1:00pm-1:50pm (PHY 1410)
M 4:00pm-5:50pm (PHY 3312) Lab
M 3:00pm-3:50pm (PHY 1221) Dis
0102 **(43339)** Dorfman, R.
MWF 1:00pm-1:50pm (PHY 1410)
Tu 9:00am-10:50am (PHY 3312) Lab
Tu 8:00am-8:50am (PHY 1221) Dis
0103 **(43340)** Dorfman, R.
MWF 1:00pm-1:50pm (PHY 1410)
Tu 12:00pm-1:50pm (PHY 3312) Lab
Tu 11:00am-11:50am (PHY 4220) Dis
0104 **(43341)** Dorfman, R.
MWF 1:00pm-1:50pm (PHY 1410)
Tu 2:00pm-3:50pm (PHY 3312) Lab
Tu 1:00pm-1:50pm (PHY 4220) Dis
0105 **(43342)** Dorfman, R.
MWF 1:00pm-1:50pm (PHY 1410)
W 9:00am-10:50am (PHY 3312) Lab
W 8:00am-8:50am (PHY 4208) Dis
0107 **(43343)** Dorfman, R.
MWF 1:00pm-1:50pm (PHY 1410)
Th 2:00pm-3:50pm (PHY 3312) Lab
Th 1:00pm-1:50pm (PHY 1221) Dis
0201 **(43344)** Dragt, A.
TuTh 12:30pm-1:45pm (PHY 1410)
W 11:00am-12:50pm (PHY 3312) Lab
W 9:00am-9:50am (PHY 4220) Dis
0202 **(43345)** Dragt, A.
TuTh 12:30pm-1:45pm (PHY 1410)
M 12:00pm-1:50pm (PHY 3312) Lab
M 10:00am-10:50am (PHY 1221) Dis
0203 **(43346)** Dragt, A.
TuTh 12:30pm-1:45pm (PHY 1410)
Th 9:00am-10:50am (PHY 3312) Lab
Th 8:00am-8:50am (PHY 4208) Dis
0204 **(43347)** Dragt, A.
TuTh 12:30pm-1:45pm (PHY 1410)
W 3:00pm-4:50pm (PHY 3312) Lab
W 2:00pm-2:50pm (PHY 4220) Dis
0401 **(43348)** Paik, H.
MW 7:00pm-8:15pm (PHY 0405)
Tu 7:30pm-9:20pm (PHY 3312) Lab
Tu 6:30pm-7:20pm (PHY 4220) Dis

PHYS141 Principles of Physics; (4) REG/P-F/AUD. CORE: PL *Corequisite: MATH 141 or MATH 221. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* Physics clinics, PHY 1214, MTWHF 10,12.
0102 **(43359)** Rosenberg, T.
MWF 11:00am-11:50am (PHY 1410)
M 4:00pm-5:50pm (PHY 3314) Lab
M 3:00pm-3:50pm (PHY 0405) Dis
0103 **(43360)** Rosenberg, T.
MWF 11:00am-11:50am (PHY 1410)
Tu 9:00am-10:50am (PHY 3314) Lab
Tu 8:00am-8:50am (PHY 1402) Dis
0104 **(43361)** Rosenberg, T.
MWF 11:00am-11:50am (PHY 1410)
Tu 11:00am-12:50pm (PHY 3314) Lab
Tu 10:00am-10:50am (PHY 1402) Dis
0105 **(43362)** Rosenberg, T.
MWF 11:00am-11:50am (PHY 1410)
Tu 2:00pm-3:50pm (PHY 3314) Lab
Tu 1:00pm-1:50pm (PHY 1402) Dis

PHYS142 Principles of Physics; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 141 or equivalent. Credit will be granted for only one of the following: PHYS 142, PHYS 262, PHYS 272, or former PHYS 192.* Physics clinic PHY 1214, MTWHF 2.
0102 **(43372)** Woo, C.
MWF 3:00pm-3:50pm (PHY 1219)
Th 12:00pm-1:50pm (PHY 3310) Lab
Th 11:00am-11:50am (PHY 4220) Dis

PHYS161 General Physics: Mechanics and Particle Dynamics; (3) REG/P-F/AUD. CORE: PS *Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* Physics clinic, PHY 1214, MTWHF 11, 2.
0101 **(43382)** Chen, H.
MWF 3:00pm-3:50pm (PHY 1410)
Tu 3:00pm-3:50pm (PHY 4220) Dis
0103 **(43383)** Chen, H.
MWF 3:00pm-3:50pm (PHY 1410)
F 10:00am-10:50am (PHY 0405) Dis
0104 **(43384)** Chen, H.
MWF 3:00pm-3:50pm (PHY 1410)
F 11:00am-11:50am (PHY 4208) Dis
0201 **(43385)** Mohapatra, R.
TuTh 11:00am-12:15pm (PHY 1410)
Th 8:00am-8:50am (PHY 1219) Dis
0202 **(43386)** Mohapatra, R.
TuTh 11:00am-12:15pm (PHY 1410)
Tu 2:00pm-2:50pm (PHY 1402) Dis
0203 **(43387)** Mohapatra, R.
TuTh 11:00am-12:15pm (PHY 1410)
W 3:00pm-3:50pm (PHY 1221) Dis
0204 **(43388)** Mohapatra, R.
TuTh 11:00am-12:15pm (PHY 1410)
W 4:00pm-4:50pm (PHY 1221) Dis
0301 **(43389)** Chen, H.
MWF 10:00am-10:50am (PHY 1412)
Tu 1:00pm-1:50pm (PHY 1219) Dis
0302 **(43390)** Chen, H.
MWF 10:00am-10:50am (PHY 1412)
Tu 4:00pm-4:50pm (PHY 1402) Dis

0303 **(43391)** Chen, H.
MWF 10:00am-10:50am (PHY 1412)
Th 9:00am-9:50am (PHY 4220) Dis
0304 **(43392)** Chen, H.
MWF 10:00am-10:50am (PHY 1412)
Th 10:00am-10:50am (PHY 4220) Dis

PHYS170 Professional Physics Seminar; (1) REG/P-F/AUD. *Corequisite: MATH 140. Recommended: high school physics.*
0101 **(43402)** Park, R.
W 12:00pm-12:50pm (PHY 0405)

PHYS170+ Professional Physics Seminar; (1) REG/P-F/AUD. *Corequisite: MATH 140. Recommended: high school physics.* Restricted to students in a First Year Focus Cluster.
0101 **(43403)** Park, R.
W 12:00pm-12:50pm (PHY 0405)

PHYS171 Introductory Physics: Mechanics and Relativity; (3) REG/P-F/AUD. CORE: PS *Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.*
0201 **(43412)** Drake, J.
MTuThF 9:00am-9:50am (PHY 1402)

PHYS171H Introductory Physics: Mechanics and Relativity; (3) REG/P-F/AUD. CORE: PS *Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* For general honors students only.
0201 **(43422)** Drake, J.
MTuThF 9:00am-9:50am (PHY 1402)

PHYS174 Physics Laboratory Introduction; (1) REG/P-F/AUD. *Corequisite: MATH 140. Recommended: high school physics.*
0101 **(43432)** Anderson, J.
W 8:00am-9:50am (PHY 3112) Lab
0102 **(43433)** Anderson, J.
W 4:00pm-5:50pm (PHY 3112) Lab
0103 **(43434)** Wellstood, F.
Th 2:00pm-3:50pm (PHY 3112) Lab

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* Physics clinic, PHY 1214, MTWHF 10, 12, 2.
0201 **(43454)** Coplan, M.
MWF 11:00am-11:50am (PHY 1412)
Tu 8:00am-8:50am (PHY 0220) Dis
0202 **(43455)** Coplan, M.
MWF 11:00am-11:50am (PHY 1412)
Tu 9:00am-9:50am (PHY 0220) Dis
0203 **(43456)** Coplan, M.
MWF 11:00am-11:50am (PHY 1412)
Tu 11:00am-11:50am (PHY 0220) Dis
0204 **(43457)** Coplan, M.
MWF 11:00am-11:50am (PHY 1412)
W 10:00am-10:50am (PHY 0220) Dis
0205 **(43458)** Coplan, M.
MWF 11:00am-11:50am (PHY 1412)
W 12:00pm-12:50pm (PHY 0220) Dis
0302 **(43459)** Banerjee, M.
TuTh 8:00am-9:15am (PHY 1412)
Tu 10:00am-10:50am (PHY 0220) Dis
0303 **(43460)** Banerjee, M.
TuTh 8:00am-9:15am (PHY 1412)
Tu 12:00pm-12:50pm (PHY 0220) Dis
0304 **(43461)** Banerjee, M.
TuTh 8:00am-9:15am (PHY 1412)
W 9:00am-9:50am (PHY 0220) Dis
0305 **(43462)** Banerjee, M.
TuTh 8:00am-9:15am (PHY 1412)
W 11:00am-11:50am (PHY 0220) Dis
0306 **(43463)** Banerjee, M.
TuTh 8:00am-9:15am (PHY 1412)
W 8:00am-8:50am (PHY 0220) Dis
0401 **(43464)** Jawahery, A.
M 7:00pm-8:50pm (PHY 1410)
W 7:00pm-7:50pm (PHY 1410)
W 8:00am-8:50am (PHY 4220) Dis
0402 **(43465)** Jawahery, A.
M 7:00pm-8:50pm (PHY 1410)
W 7:00pm-7:50pm (PHY 1410)
W 6:00pm-6:50pm (PHY 1219) Dis

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); (No credit) NGI.
0101 **(43475)** Boyd, D.
M 8:00am-10:50am (PHY 3219) Lab
0102 **(43476)** Boyd, D.
M 12:00pm-2:50pm (PHY 3219) Lab
0103 **(43477)** Boyd, D.
M 3:00pm-5:50pm (PHY 3219) Lab
0104 **(43478)** Boyd, D.
Tu 10:00am-12:50pm (PHY 3219) Lab
0105 **(43479)** Boyd, D.
Tu 1:00pm-3:50pm (PHY 3219) Lab
0110 **(43481)** Boyd, D.
Tu 4:00pm-6:50pm (PHY 3219) Lab
0111 **(43482)** Boyd, D.
W 1:00pm-3:50pm (PHY 3219) Lab
0112 **(43483)** Boyd, D.
W 4:00pm-6:50pm (PHY 3219) Lab
0114 **(43484)** Boyd, D.
Th 11:00am-1:50pm (PHY 3219) Lab
0117 **(43485)** Boyd, D.
Th 2:00pm-4:50pm (PHY 3219) Lab
0118 **(43486)** Boyd, D.
Th 7:00pm-9:50pm (PHY 3219) Lab

PHYS262H General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* For general honors students only.
0201 **(43496)** Coplan, M.
MWF 11:00am-11:50am (PHY 1412)
W 1:00pm-1:50pm (PHY 0220) Dis
0301 **(43497)** Woo, C.
TuTh 8:00am-9:15am (PHY 1412)
W 1:00pm-1:50pm (PHY 0220) Dis

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293.* Physics clinic, PHY 1214, MTWHF 10, 11, 1.
0101 **(43507)** Kelly, J.
MW 4:00pm-5:15pm (PHY 1410)
Th 2:00pm-2:50pm (PHY 4220) Dis
0102 **(43508)** Kelly, J.
MW 4:00pm-5:15pm (PHY 1410)
Th 4:00pm-4:50pm (PHY 1402) Dis
0103 **(43509)** Kelly, J.
MW 4:00pm-5:15pm (PHY 1410)
F 12:00pm-12:50pm (PHY 1221) Dis
0104 **(43510)** Kelly, J.
MW 4:00pm-5:15pm (PHY 1410)
F 1:00pm-1:50pm (PHY 1221) Dis
0301 **(43511)** Mason, G.
MWF 12:00pm-12:50pm (PHY 1412)
W 1:00pm-1:50pm (PHY 1402) Dis
0302 **(43512)** Mason, G.
MWF 12:00pm-12:50pm (PHY 1412)
W 2:00pm-2:50pm (PHY 1221) Dis
0303 **(43513)** Mason, G.
MWF 12:00pm-12:50pm (PHY 1412)
Th 11:00am-11:50am (PHY 1219) Dis
0304 **(43514)** Mason, G.
MWF 12:00pm-12:50pm (PHY 1412)
Th 3:00pm-3:50pm (PHY 4220) Dis
0305 **(43515)** Mason, G.
MWF 12:00pm-12:50pm (PHY 1412)
Th 1:00pm-1:50pm (PHY 1219) Dis

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); (No credit) NGI. Laboratory. Corequisite: PHYS 263.
0101 **(43525)** Boyd, D.
M 12:00pm-2:50pm (PHY 3220) Lab
0102 **(43526)** Boyd, D.
M 3:00pm-5:50pm (PHY 3220) Lab
0105 **(43528)** Boyd, D.
Tu 10:00am-12:50pm (PHY 3220) Lab
0106 **(43529)** Boyd, D.
Tu 1:00pm-3:50pm (PHY 3220) Lab
0107 **(43530)** Boyd, D.
Tu 4:00pm-6:50pm (PHY 3220) Lab
0111 **(43531)** Boyd, D.
W 9:00am-11:50am (PHY 3220) Lab
0116 **(43532)** Boyd, D.
W 1:00pm-3:50pm (PHY 3220) Lab
0118 **(43534)** Boyd, D.
Th 2:00pm-4:50pm (PHY 3220) Lab
0119 **(43535)** Boyd, D.
Th 5:00pm-7:50pm (PHY 3220) Lab

PHYS272 Introductory Physics: Fields; (3) REG/P-F/AUD. *Prerequisites: (PHYS 171 or PHYS 161) and MATH 141. Corequisite: MATH 241. Credit will be granted for only one of the following: PHYS 272 or PHYS 262 or PHYS 142.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 275.
0101 **(43545)** Cohen, T.
TuTh 12:00pm-1:15pm (PHY 0405)
F 12:00pm-12:50pm (PHY 0405)

PHYS272H Introductory Physics: Fields; (3) REG/P-F/AUD. *Prerequisites: (PHYS 171 or PHYS 161) and MATH 141. Corequisite: MATH 241. Credit will be granted for only one of the following: PHYS 272 or PHYS 262 or PHYS 142.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 275. For general honors students only.
0101 **(43555)** Cohen, T.
TuTh 12:00pm-1:15pm (PHY 0405)
F 12:00pm-12:50pm (PHY 0405)

PHYS273 Introductory Physics: Waves; (3) REG/P-F/AUD. *Prerequisites: PHYS 272, and MATH 241. Corequisites: MATH 246 or MATH 414. Credit will be granted for only one of the following: PHYS 273 or PHYS 263.*
0101 **(43565)** Papadopoulos, K.
MTuThF 11:00am-11:50am (PHY 1402)

PHYS273H Introductory Physics: Waves; (3) REG/P-F/AUD. *Prerequisites: PHYS 272, and MATH 241. Corequisites: MATH 246 or MATH 414. Credit will be granted for only one of the following: PHYS 273 or PHYS 263.* For general honors students only.
0101 **(43575)** Papadopoulos, K.
MTuThF 11:00am-11:50am (PHY 1402)

PHYS275 *(PermReq)* **Experimental Physics I: Mechanics, Heat and Fields; (2)** REG/P-F/AUD. *Prerequisites: (PHYS 171 or PHYS 161) and PHYS 174. Corequisite: PHYS 272.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 272.
0101 **(43585)** Roos, P.
M 2:00pm-5:50pm (PHY 3203) Lab
0301 **(43586)** Roos, P.
W 1:00pm-4:50pm (PHY 3203) Lab

PHYS276 *(PermReq)* **Experimental Physics II: Electricity and Magnetism; (2)** REG/P-F/AUD. *Prerequisites: PHYS 272 and PHYS 275. Credit will be granted for only one of the following: PHYS 276 or former PHYS 295.*
0101 **(43596)** Ellis, R.
M 2:15pm-6:00pm (PHY 3211) Lab
0201 **(43597)** Ellis, R.
Tu 1:00pm-4:50pm (PHY 3211) Lab

PHYS299 *(PermReq)* **Special Problems in Physics; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS305 Physics Shop Techniques; (1) REG/P-F/AUD. *Prerequisite: PHYS 395 or permission of department.*
0101 **(43723)** Giddings, M.
Tu 1:00pm-4:00pm (PHY 0125) Lab
0201 **(43724)** Giddings, M.
Th 9:00am-12:00pm (PHY 0125) Lab

PHYS374 Intermediate Theoretical Methods; (4) REG/P-F/AUD. *Prerequisites: PHYS 273 and MATH 246. Corequisite: MATH 240.*
0101 **(43734)** Lathrop, D.
MTuThF 11:00am-11:50am (PHY 0405)

PHYS375 Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics; (3) REG/P-F/AUD. *Prerequisites: PHYS 273 and PHYS 276. Credit will be granted for only one of the following: PHYS 375 or former PHYS 296.* Besides lab hours scheduled below, additional required lab time will be arranged.
0101 **(43744)** Chang, C.
M 1:00pm-4:50pm (PHY 3104)
0401 **(43745)** Chang, C.
Tu 2:00pm-5:50pm (PHY 3104)

PHYS386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

PHYS389 *(PermReq)* **Undergraduate Thesis Research; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS395 Advanced Experiments; (3) REG/P-F/AUD. *Prerequisite: PHYS 375. For PHYS majors only.* Besides lab hours scheduled below, additional required lab time will be arranged. Labs begin first week of classes.
0102 **(43890)** Webb, R.
W 12:00pm-3:50pm (PHY 3210) Lab

PHYS398 *(PermReq)* **Independent Studies Seminar; (1-16)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS399 *(PermReq)* **Special Problems in Physics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS401 Quantum Physics I; (4) REG/P-F/AUD. *Prerequisite: PHYS 273. Corequisites: PHYS 374 and MATH 240. Credit will be granted for only one of the following: PHYS 401 or PHYS 420 or former PHYS 421. Formerly PHYS 421.*
0101 **(44167)** Ji, X.
MF 10:00am-10:50am (PHY 1402)
W 10:00am-11:50am (PHY 1402)

PHYS404 Introduction to Statistical Thermodynamics; (3) REG/P-F/AUD. *Prerequisites: PHYS 273 or equivalent, and MATH 241. Credit will be granted for only one of the following: PHYS 404 or former PHYS 414. Formerly PHYS 414.*
0101 **(44177)** Lobb, C.
MWF 9:00am-9:50am (PHY 0405)

PHYS406 Optics; (3) REG/P-F/AUD. *Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 240.*
0101 **(44187)** Hadley, N.
MW 4:00pm-5:15pm (PHY 1219)

PHYS410 Classical Mechanics; (4) REG/P-F/AUD. *Prerequisite: PHYS 374.*
0101 **(44197)** Greenberg, O.
TuTh 9:00am-10:50am (PHY 0405)

PHYS420 Principles of Modern Physics; (3) REG/P-F/AUD. *Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241. Credit will be granted for only one of the following: PHYS 420 or PHYS 421.*
0101 **(44207)** Hassam, A.
MW 4:00pm-5:15pm (PHY 0405)

PHYS429 Atomic and Nuclear Physics Laboratory; (3) REG/AUD. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of the section for which they registered. Physics majors only.
0101 **(44217)** Gammon, R.
M 1:00pm-6:00pm (PHY 3112) Lab

PHYS499A *(PermReq)* **Special Problems in Physics: Individual Problems with Laboratory; (1-16)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS499B *(PermReq)* **Special Problems in Physics: Individual Problems; (1-16)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS499W Special Problems in Physics: Widely Applied Physics; (3) REG/P-F/AUD. Prerequisite: PHYS 263 or PHYS 273.
0101 **(45191)** Baden, A.
Time and room to be arranged

PHYS601 Theoretical Dynamics; (3) REG/AUD. *Prerequisite: PHYS 410 or equivalent.*
0101 **(44499)** Pati, J.
MWF 9:00am-9:50am (PHY 1219)
0201 **(44500)** Fivel, D.
MWF 9:00am-9:50am (CHE 2136)

PHYS604 Methods of Mathematical Physics; (3) REG/AUD. *Prerequisites: [advanced calculus; and PHYS 410; and PHYS 411]; or equivalent.*
0101 **(44509)** Antonsen, T.
TuTh 2:00pm-3:15pm (PHY 1410)

PHYS621 Graduate Laboratory; (3) REG/AUD. *Prerequisite: PHYS 405 or equivalent.* All labs will extend 1 hour beyond those listed below. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of the section for which they are registered.
0101 **(44519)** Gammon, R.
M 1:00pm-6:00pm (PHY 3112) Lab

PHYS622 Introduction to Quantum Mechanics I; (4) REG/AUD. *Prerequisite: an outstanding undergraduate background in physics.*
0201 **(44529)** Yakovenko, V.
MW 12:00pm-12:50pm (PLS 1140)
F 11:00am-12:50pm (PLS 1140)

PHYS623 Introduction to Quantum Mechanics II; (3) REG/AUD. *Prerequisite: an outstanding undergraduate background in physics.*
0101 **(44539)** Jacobson, T.
MW 11:00am-12:15pm (PHY 4208)

PHYS624 Advanced Quantum Mechanics; (3) REG/AUD. *Prerequisite: PHYS 623.*
0101 **(44549)** Gates, S.
MWF 11:00am-11:50am (PHY 1219)

PHYS675 Introduction to Relativity, Gravitation and Cosmology; (3) REG/AUD. *Prerequisites: PHYS 601 and PHYS 606.*
0101 **(44559)** Brill, D.
TuTh 9:00am-10:15am (PHY 4208)

PHYS708 Seminar in Teaching College Physics; (1) REG/AUD.
0101 **(44569)** Redish, E.
Th 2:30pm-4:00pm (Arranged)

PHYS709 Seminar in General Physics: Statistical Physics Seminar; (1) REG/AUD.
0101 **(44579)** STAFF
Tu 1:15pm-2:30pm (IPT 1116)

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; (1) REG/AUD.
0101 **(44589)** Dragt, A.
W 1:30pm-3:00pm (EGR 3111)

PHYS731 Solid State Physics: Survey; (3) REG/AUD.
0101 **(44599)** Einstein, T.
TuTh 11:00am-12:15pm (PHY 4208)

PHYS738 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; (1) REG/AUD.
0101 **(44609)** Anderson, J.
Th 4:00pm-5:30pm (PLS 1130)

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; (1) REG/AUD.
0101 **(44619)** Yakovenko, V.
Th 4:00pm-5:30pm (PLS 1130)

PHYS748 Seminar in Experimental Nuclear Physics; (1) REG/AUD.
0101 **(44639)** Roos, P.
M 3:00pm-4:30pm (PHY 1304)

PHYS749 Seminar in Theoretical Nuclear Physics; (1) REG/AUD
0101 **(44649)** Banerjee, M.
F 3:00pm-5:00pm (PHY 0405)

PHYS759 Seminar in Elementary Particles and Quantum Field Theory; (1) REG/AUD.
0101 **(44669)** Mohapatra, R.
M 3:00pm-4:50pm (PHY 4102)

PHYS761 Plasma Physics I: Survey; (3) REG/AUD. *Prerequisites: [PHYS 604; and PHYS 606].*
0101 **(44679)** Goldenbaum, G.
TuTh 12:30pm-1:45pm (PHY 4208)

PHYS769 Seminar in Plasma Physics; (1) REG/AUD.
0101 **(44689)** Hassam, A.
W 4:00pm-5:15pm (ERF 1207)

PHYS778 Seminar in Space and Cosmic Ray Physics; (1) REG/AUD.
0101 **(44699)** Hamilton, D.
M 4:30pm-5:45pm (CSS 2400)

PHYS779A Seminar in General Relativity: Theoretical General Relativity; (1) REG/AUD.
0101 **(44709)** Jacobson, T.
F 1:30pm-3:00pm (PHY 4220)

PHYS798 *(PermReq)* **Special Problems in Advanced Physics; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS798B Special Problems in Advanced Physics: Physics Colloquium; (1) REG/AUD.
0101 **(44856)** Misner, C.
Tu 4:00pm-6:00pm (PHY 1410)

PHYS798D Special Problems in Advanced Physics: Applied Dynamics Seminar; (1) REG/AUD.
0101 **(44866)** Ott, E.
Th 12:00pm-1:30pm (Arranged)

PHYS798E Special Problems in Advanced Physics: Properties of Magnetoresistive Oxides; (1-3) REG/AUD.
0101 **(44867)** Lynn, J.
MW 4:00pm-5:15pm (PHY 4220)

PHYS798J Special Problems in Advanced Physics: Fundamentals of Atomic, Molecular, and Optical Interactions II; (3) REG/AUD.
0101 **(51676)** Hill, W.
WF 9:30am-10:45am (MTH B0431)

PHYS798P Special Problems in Advanced Physics: Bose-Einstein Condensations: Recent Perpsectives; (3) REG/AUD.
0101 **(51677)** Clark, C.
W 9:30am-11:10am (PHY 1304)

PHYS799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

PHYS838A Special Topics in Experimental Solid State Physics: Current Topics in Surface Physics; (2) REG/AUD.
0101 **(45012)** Williams, E.
M 12:00pm-1:00pm (PHY 2120)
F 3:00pm-5:00pm (PHY 1402)

PHYS838C Special Topics in Experimental Solid State Physics: Superconductivity Seminar; (2) REG/AUD.
0101 **(45022)** Greene, R.
W 12:00pm-1:50pm (PHY 1221)
W 12:00pm-1:50pm (PHY 1219)

PHYS839A Special Topics in Theoretical Solid State Physics: Theory of Low Dimensional Systems; (1) REG/AUD.
0101 **(45032)** Das-Sarma, S.
F 4:00pm-7:00pm (PHY 1304)

PHYS852 Theoretical Methods in Elementary Particles: Advanced Quantum Field Theory II; (3) REG/AUD. *Pre- or corequisite: PHYS 851.* Prerequisite: PHYS 851
0101 **(45033)** Luty, M.
MF 10:30am-12:00pm (PHY 4102)

PHYS879 Special Topics in General Relativity: Quantum Processes in the Early Universe; (3) REG/AUD. Prerequisites: PHYS 603 and PHYS 623.
0101 **(45042)** Hu, B.
TuTh 2:30pm-3:45pm (PHY 4208)

PHYS899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

Physics Colloquium meets Tu 4-5:30 in PHY 1410 and PHY 1412.
Physics Journal Club meets Th 4-5:30 in PHY 1410.

PORT Portuguese
(Arts and Humanities)

PORT101 Elementary Portuguese; (4) REG/P-F/AUD.
0101 **(45239)** Igel, R.
MWF 11:00am-11:50am (COL 3110)
Tu 11:00am-11:50am (COL 3111)

PORT203 Intermediate Portuguese; (4) REG/P-F/AUD. *Prerequisite: PORT 102.*
0101 **(45249)** Igel, R.
MWF 1:00pm-1:50pm (JMZ 2120)
Tu 1:00pm-1:50pm (JMZ 3203)

PORT228A Latin American Literatures and Societies: An Interdisciplinary Approach to the Amazon Ecosystem; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(51686)** Igel, R.
MWF 2:00pm-2:50pm (JMZ 3203)

PORT234 Issues in Latin American Studies I; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as SPAN 234 and LASC 234. Credit will be granted for only one of the following: PORT 234 or SPAN 234 or LASC 234.*
0101 **(45269)** Korzeniewicz, R.
TuTh 10:00am-11:00am (SYM 0200)
Th 11:00am-12:00pm (JMZ 3205) Dis
0102 **(45270)** Korzeniewicz, R.
TuTh 10:00am-11:00am (SYM 0200)
Th 12:00pm-1:00pm (JMZ 0103) Dis

PORT234H Issues in Latin American Studies I; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as SPAN 234 and LASC 234. Credit will be granted for only one of the following: PORT 234 or SPAN 234 or LASC 234.* For general honors students only.
0101 **(45280)** Korzeniewicz, R.
TuTh 10:00am-11:00am (SYM 0200)
Th 11:00am-11:50am (JMZ 3205) Dis

PORT386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F.
Prerequisite: permission of department. 56 semester hours.
0101 **(45290)** Igel, R.
Time and room to be arranged

PORT399 Independent Study in Portuguese; (1-3) REG/P-F/AUD.
0101 **(45300)** Igel, R.
Time and room to be arranged

PORT699 *(PermReq)* **Independent Study of Portuguese; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PSYC Psychology
(Behavioral and Social Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

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The Department of Psychology enforces course prerequisites. Students who do not meet the course prerequisites will be administratively dropped from the course.

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PSYC100 Introduction to Psychology; (3) REG/P-F/AUD. CORE: SB Discussion sections do not meet until after first lecture. Research requirement: may involve participation in research.
0110 **(45360)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
M 10:00am-10:50am (ZOP 1228) Dis
0111 **(45361)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
M 11:00am-11:50am (ZOP 1228) Dis
0112 **(45362)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
M 12:00pm-12:50pm (ZOP 1228) Dis
0113 **(45363)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
W 1:00pm-1:50pm (ZOP 1228) Dis
0114 **(45364)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
M 2:00pm-2:50pm (ZOP 1228) Dis
0115 **(45365)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
M 3:00pm-3:50pm (ZOP 1228) Dis
0116 **(45366)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
W 10:00am-10:50am (ZOP 1228) Dis
0117 **(45367)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
M 9:00am-9:50am (ZOP 1228) Dis
0118 **(45368)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
F 9:00am-9:50am (ZOP 1228) Dis
0119 **(45369)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
Th 12:00pm-12:50pm (ZOP 1228) Dis
0120 **(45370)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
Th 1:00pm-1:50pm (ZOP 1228) Dis
0121 **(45371)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
Th 2:00pm-2:50pm (ZOP 1228) Dis
0122 **(45372)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
Th 3:00pm-3:50pm (ZOP 1228) Dis
0123 **(45373)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
F 11:00am-11:50am (ZOP 1228) Dis
0124 **(45374)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
F 12:00pm-12:50pm (ZOP 1228) Dis
0125 **(45375)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
F 1:00pm-1:50pm (ZOP 1228) Dis
0126 **(45376)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
F 2:00pm-2:50pm (ZOP 1228) Dis
0127 **(45377)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
M 10:00am-10:50am (ZOP 1124) Dis
0128 **(45378)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
M 11:00am-11:50am (ZOP 1124) Dis
0129 **(45379)** Martin, J.
TuTh 9:00am-9:50am (ZOP 1240)
M 12:00pm-12:50pm (ZOP 1124) Dis
0220 **(45380)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 11:00am-11:50am (ZOP 1228) Dis
0221 **(45381)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 12:00pm-12:50pm (ZOP 1228) Dis
0222 **(45382)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 1:00pm-1:50pm (ZOP 1228) Dis
0223 **(45383)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 2:00pm-2:50pm (ZOP 1228) Dis
0224 **(45384)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 3:00pm-3:50pm (ZOP 1228) Dis
0225 **(45385)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 9:00am-9:50am (ZOP 1124) Dis
0226 **(45386)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
Tu 9:00am-9:50am (ZOP 1228) Dis
0227 **(45387)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
Th 9:00am-9:50am (ZOP 1228) Dis
0228 **(45388)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
Th 10:00am-10:50am (ZOP 1228) Dis
0229 **(45389)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
Th 11:00am-11:50am (ZOP 1228) Dis
0230 **(45390)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 1:00pm-1:50pm (ZOP 1124) Dis
0231 **(45391)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 10:00am-10:50am (ZOP 1124) Dis
0232 **(45392)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 11:00am-11:50am (ZOP 1124) Dis
0233 **(45393)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 12:00pm-12:50pm (ZOP 1124) Dis
0234 **(45394)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 1:00pm-1:50pm (ZOP 1124) Dis
0235 **(45395)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
F 1:00pm-1:50pm (ZOP 1124) Dis
0236 **(45396)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
F 2:00pm-2:50pm (ZOP 1124) Dis
0237 **(45397)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 3:00pm-3:50pm (ZOP 1124) Dis
0238 **(45398)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 9:00am-9:50am (ZOP 1124) Dis
0239 **(45399)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 2:00pm-2:50pm (ZOP 1124) Dis
0330 **(45400)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
Tu 9:00am-9:50am (ZOP 1124) Dis
0331 **(45401)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
Tu 10:00am-10:50am (ZOP 1228) Dis
0332 **(45402)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
Tu 1:00pm-1:50pm (ZOP 1228) Dis
0333 **(45403)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
Tu 2:00pm-2:50pm (ZOP 1228) Dis
0335 **(45405)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 9:00am-9:50am (ZOP 1228) Dis
0336 **(45406)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 2:00pm-2:50pm (ZOP 1124) Dis
0337 **(45407)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
F 9:00am-9:50am (ZOP 1124) Dis
0338 **(45408)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
F 10:00am-10:50am (ZOP 1124) Dis
0339 **(45409)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
F 11:00am-11:50am (ZOP 1124) Dis
0340 **(45410)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
F 12:00pm-12:50pm (ZOP 1124) Dis
0341 **(45411)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 10:00am-10:50am (ZOP 1232) Dis
0342 **(45412)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 11:00am-11:50am (ZOP 1232) Dis
0343 **(45413)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 9:00am-9:50am (ZOP 1232) Dis
0344 **(45414)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 12:00pm-12:50pm (ZOP 1232) Dis
0345 **(45415)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 1:00pm-1:50pm (ZOP 1232) Dis
0346 **(45416)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 2:00pm-2:50pm (ZOP 1232) Dis
0347 **(45417)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 9:00am-9:50am (ZOP 1232) Dis
0348 **(45418)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 10:00am-10:50am (ZOP 1232) Dis
0349 **(45419)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
W 11:00am-11:50am (ZOP 1232) Dis
0410 **(45420)** Brauth, S.
MW 1:00pm-1:50pm (ZOP 1240)
W 2:00pm-2:50pm (ZOP 1236) Dis
0411 **(45421)** Brauth, S.
MW 1:00pm-1:50pm (ZOP 1240)
W 3:00pm-3:50pm (ZOP 1236) Dis
0412 **(45422)** Brauth, S.
MW 1:00pm-1:50pm (ZOP 1240)
Th 1:00pm-1:50pm (ZOP 1124) Dis
0413 **(45423)** Brauth, S.
MW 1:00pm-1:50pm (ZOP 1240)
Th 2:00pm-2:50pm (ZOP 1124) Dis
0414 **(45424)** Brauth, S.
MW 1:00pm-1:50pm (ZOP 1240)
Th 3:00pm-3:50pm (ZOP 1232) Dis
0415 **(45425)** Brauth, S.
MW 1:00pm-1:50pm (ZOP 1240)
F 10:00am-10:50am (ZOP 1232) Dis
0416 **(45426)** Brauth, S.
MW 1:00pm-1:50pm (ZOP 1240)
F 11:00am-11:50am (ZOP 1232) Dis
0417 **(45427)** Brauth, S.
MW 1:00pm-1:50pm (ZOP 1240)
F 12:00pm-12:50pm (ZOP 1232) Dis
0418 **(45428)** Brauth, S.
MW 1:00pm-1:50pm (ZOP 1240)
F 1:00pm-1:50pm (ZOP 1232) Dis
0419 **(45429)** Brauth, S.
MW 1:00pm-1:50pm (ZOP 1240)
F 2:00pm-2:50pm (ZOP 1232) Dis

PSYC100+ Introduction to Psychology; (3) REG/P-F/AUD. CORE: SB Restricted to students in a First Year Focus Cluster or College Park Scholars - Advocates for Children.
0110 **(45439)** Brauth, S.
TuTh 9:00am-9:50am (ZOP 1240)
M 10:00am-10:50am (ZOP 1228) Dis
Restricted to College Park Scholars - Advocates for Children.

0113 **(45446)** Brauth, S.
TuTh 9:00am-9:50am (ZOP 1240)
W 1:00pm-1:50pm (ZOP 1228) Dis
Restricted to students in a First Year Focus Cluster.

0116 **(45440)** Brauth, S.
TuTh 9:00am-9:50am (ZOP 1240)
W 10:00am-10:50am (ZOP 1228) Dis
Restricted to College Park Scholars - Advocates for Children.

0127 **(45441)** Brauth, S.
TuTh 9:00am-9:50am (ZOP 1240)
M 10:00am-10:50am (ZOP 1124) Dis
Restricted to students in a First Year Focus Cluster.

0128 **(45444)** Brauth, S.
TuTh 9:00am-9:50am (ZOP 1240)
M 11:00am-11:50am (ZOP 1124) Dis
Restricted to students in a First Year Focus Cluster.

0229 **(45445)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
Th 11:00am-11:50am (ZOP 1228) Dis
Restricted to students in a First Year Focus Cluster.

0230 **(45447)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
M 1:00pm-1:50pm (ZOP 1124) Dis
Restricted to students in a First Year Focus Cluster.

0234 **(45442)** Smith, B.
TuTh 2:00pm-2:50pm (ZOP 1240)
W 1:00pm-1:50pm (ZOP 1124) Dis
Restricted to students in a First Year Focus Cluster.

0334 **(45448)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
Tu 11:00am-11:50am (ZOP 1228) Dis
Restricted to students in a First Year Focus Cluster.

0341 **(45443)** Murnane, K.
TuTh 3:00pm-3:50pm (ZOP 1240)
M 10:00am-10:50am (ZOP 1232) Dis
Restricted to students in a First Year Focus Cluster.

PSYC100H Introduction to Psychology; (3) REG/P-F/AUD. CORE: SB Open to Honors students only.
0101 **(45450)** STAFF
TuTh 3:00pm-4:15pm (ZOP 2283)
0201 **(45451)** STAFF
TuTh 12:30pm-1:45pm (ZOP 1238)
0301 **(45452)** STAFF
TuTh 8:00am-9:15am (ZOP 1234)

PSYC200 *(PermReq)* **Statistical Methods in Psychology; (3)** REG/P-F/AUD. *Prerequisite: PSYC 100; and MATH 111 or MATH 140 or MATH 220.* Permission must be obtained in ZOP 1107.
0101 **(45461)** Larkin, W.
TuTh 8:00am-9:15am (ZOP 1238)
0201 **(45462)** Brittan-Powell, C.
TuTh 11:00am-12:15pm (ZOP 1243)
F 11:00am-11:50am (ZOP 1243)
0301 **(45463)** Johnson, M.
TuTh 2:00pm-3:15pm (ZOP 1243)
F 2:00pm-2:50pm (ZOP 1243) Dis
0401 **(45464)** Lange, J.
MWF 8:00am-8:50am (ZOP 1238)

PSYC221 Social Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.*
0101 **(45474)** Stangor, C.
MWF 1:00pm-1:50pm (ZOP 1250)

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Priority registration will be given to PSYC majors and to students in other majors that specifically require/recommend these courses.

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PSYC301 Biological Basis of Behavior; (3) REG/P-F/AUD. *Prerequisites: BIOL 105 and PSYC 100.* Restricted to PSYC (major code 20010) students only.
0101 **(45484)** Yager, D.
TuTh 3:30pm-4:45pm (ZOP 1250)

PSYC310 Perception; (3) REG/P-F/AUD. *Prerequisite: PSYC 100 or permission of department. Not open to students who have completed PSYC 410.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45494)** Sternheim, C.
TuTh 9:30am-10:45am (ZOP 1243)

PSYC334 Psychology of Interpersonal Relationships; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45504)** Brown, R.
TuTh 11:00am-12:15pm (ZOP 1238)

PSYC336 Psychology of Women; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Also offered as WMST 336. Credit will be granted for only one of the following: PSYC 336 or WMST 336.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45514)** Kretz, L.
TuTh 2:00pm-3:15pm (ZOP 1250)

PSYC353 Adult Psychopathology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Credit will be granted for only one of the following: PSYC 353 and PSYC 331 or PSYC 431.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45524)** Alexander, P.
TuTh 12:30pm-1:45pm (ZOP 1243)

PSYC355 Child Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Not open to students who have completed PSYC 333.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45535)** Plude, D.
MWF 9:00am-9:50am (ZOP 1250)

PSYC361 Survey of Industrial and Organizational Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45545)** Yusko, K.
M 5:00pm-8:00pm (ZOP 1250)

PSYC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F.
Prerequisite: permission of department. 56 semester hours.
0101 **(45555)** Coursey, R.
W 3:00pm-5:30pm (ZOP 1238)
All 400-level courses are restricted to PSYC majors (20010) only.

PSYC404 Introduction to Behavioral Pharmacology; (3) REG/P-F/AUD. *Prerequisites: PSYC 200 and [PSYC 206 or PSYC 301 or PSYC 400].*
0101 **(45556)** Hall, F.
MW 5:00pm-6:15pm (ZOP 2109)

PSYC410 Experimental Psychology: Sensory Processes I; (4) REG/P-F/AUD. *Prerequisites: PSYC 200; and completion of the English, math and science supporting course sequence. A student who has completed PSYC 310 must have permission of the instructor in order to register for PSYC 410.* Restricted to PSYC majors (20010) who have completed more than 85 credits.
0101 **(45565)** Larkin, W.
TuTh 9:30am-10:45am (ZOP 2283)
F 10:00am-12:00pm (ZOP 0124) Lab
0102 **(45566)** Larkin, W.
TuTh 9:30am-10:45am (ZOP 2283)
F 2:00pm-4:00pm (ZOP 0124) Lab
0103 **(45567)** Larkin, W.
TuTh 9:30am-10:45am (ZOP 2283)
Th 2:30pm-4:30pm (ZOP 0124) Lab

PSYC420 Experimental Psychology: Social Processes I; (4) REG/P-F/AUD. *Prerequisite: PSYC 200; and PSYC 221; and completion of the departmentally required English, math, and science supporting course sequence.* Restricted to PSYC majors (20010) who have completed 85 credits.
0101 **(45577)** Sigall, H.
MW 2:00pm-3:00pm (ZOP 1243)
Th 10:00am-12:00pm (ZOP 0147) Lab
0102 **(45578)** Sigall, H.
MW 2:00pm-3:00pm (ZOP 1243)
Th 12:00pm-2:00pm (ZOP 0147) Lab
0103 **(45579)** Sigall, H.
MW 2:00pm-3:00pm (ZOP 1243)
Th 2:00pm-4:00pm (ZOP 0147) Lab
0104 **(45580)** Sigall, H.
MW 2:00pm-3:00pm (ZOP 1243)
F 10:00am-12:00pm (ZOP 0147) Lab
0105 **(45581)** Sigall, H.
MW 2:00pm-3:00pm (ZOP 1243)
F 12:00pm-2:00pm (ZOP 0147) Lab
0106 **(45582)** Sigall, H.
MW 2:00pm-3:00pm (ZOP 1243)
WF 2:00pm-4:00pm (ZOP 0147) Lab

PSYC424 Communication and Persuasion; (3) REG/P-F/AUD. *Prerequisites: PSYC 200; and PSYC 221.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45592)** Mills, J.
TuTh 11:00am-12:15pm (ZOP 2283)

PSYC432 Introduction to Counseling Psychology; (3) REG/P-F/AUD. *Prerequisite: nine hours in psychology including PSYC 200.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45602)** Friedman, S.
MWF 11:00am-11:50am (ZOP 1236)
0201 **(45603)** Jackson, S.
TuTh 2:00pm-3:15pm (ZOP 1236)

PSYC433 Analysis of Helping Relationships; (3) REG.
Prerequisites: PSYC 200; [and PSYC 235 or PSYC 334 or PSYC 435 or PSYC 432]. Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45612)** O'Brien, K.
TuTh 3:30pm-4:45pm (ZOP 1238)

PSYC436 Introduction to Clinical Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 200 or equivalent.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45622)** Loos, M.
TuTh 11:00am-12:15pm (ZOP 1232)

PSYC440 Experimental Psychology: Cognitive Processes; (4) REG/P-F/AUD. *Prerequisites: PSYC 100; and PSYC 200 or a statistics course from an approved departmental list; and completion of the departmentally required English, math and science supporting course sequence.* Restricted to PSYC majors (20010) who have completed 85 credits.
0101 **(45632)** Norman, K.
Tu 2:00pm-4:30pm (CSS 1410)
M 1:00pm-3:00pm (ZOP 0124) Lab
Time and room to be arranged Dis
0103 **(45633)** Norman, K.
Tu 2:00pm-4:30pm (CSS 1410)
W 1:00pm-3:00pm (ZOP 0124) Lab

PSYC443 Thinking and Problem Solving; (3) REG/P-F/AUD. *Prerequisites: PSYC 200; and [PSYC 341 or PSYC 440] or permission of department.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45643)** Norman, K.
MWF 11:00am-11:50am (CSS 1410)

PSYC450 Field Research in Organizational Psychology; (4) REG/P-F/AUD. *Prerequisites: PSYC 100, PSYC 200 and completion of required English, math, science sequence. Recommended: PSYC 361. For PSYC majors only.* Restricted to PSYC majors (20010) who have completed 85 credits.
0101 **(45653)** Sorra, J.
MW 1:30pm-3:30pm (ZOP 2283)

PSYC460 Psychological Foundations of Personnel Selection and Training; (3) REG/P-F/AUD. *Prerequisite: PSYC 200 or equivalent.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45663)** Hanges, P.
TuTh 11:00am-12:15pm (ZOP 2109)

PSYC464 Psychology of Leaders in Work Organizations; (3) REG/P-F/AUD. *Prerequisite: PSYC 361 or equivalent.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(45673)** Paul, M.
Tu 4:00pm-7:00pm (ZOP 2109)

PSYC469H *(PermReq)* **Honors Thesis Proposal Preparation; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Restricted to PSYC majors (20010) only.

PSYC478 *(PermReq)* **Independent Study in Psychology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1107. Restricted to PSYC majors (20010) only. The student must have completed 9 hours in PSYC with at least a 3.0 GPA in PSYC and a 2.8 overall GPA.

PSYC479 *(PermReq)* **Special Research Problems in Psychology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1107. Restricted to PSYC majors (20010) only. The student must have completed 9 hours in PSYC with at least a 3.0 GPA in PSYC and a 2.8 overall GPA.

PSYC498H Advanced Psychology II (Honors); (3) REG/P-F/AUD. Restricted to PSYC majors (20010) only.
0101 **(45828)** Aspinwall, L.
M 9:30am-12:00pm (ZOP 3132)

PSYC499H *(PermReq)* **Honors Thesis Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of the thesis advisor. Permission may be obtained in ZOP 1107. Restricted to PSYC majors (20010) only.

Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 level and above courses.

PSYC601 Quantitative Methods I; (3) REG/AUD. *Prerequisite: PSYC 200 or equivalent.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45880)** O'Grady, K.
TuTh 9:30am-10:45am (ZOP 2109)
Th 4:30pm-6:00pm (ZOP 2109) Dis

PSYC603 Introduction to Industrial and Organizational Psychology; (3) REG/AUD. *Credit will be granted for only one of the following: PSYC 603 or PSYC 730. Formerly PSYC 730.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45890)** Schneider, B.
M 9:30am-12:00pm (ZOP 2109)

PSYC604 *(PermReq)* **Fundamentals of Social Psychology; (3)** REG/AUD. *Credit will be granted for only one of the following: PSYC 604 or PSYC 640. Formerly PSYC 640.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45900)** Sigall, H.
Tu 3:00pm-5:30pm (ZOP 3132)

PSYC606 *(PermReq)* **Human Biopsychology; (3)** REG/AUD. *Credit will be granted for only one of the following: PSYC 606 or PSYC 660. Formerly PSYC 660.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45910)** Brauth, S.
TuTh 1:00pm-3:00pm (ZOP 2109)

PSYC607 Advanced Topics in Human-Learning and Cognitive Psychology; (3) REG/AUD. *Credit will be granted for only one of the following: PSYC 607 or PSYC 671. Formerly PSYC 671.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45920)** Horton, D.
F 10:00am-12:30pm (ZOP 1103)

PSYC610 Historical Viewpoints and Current Theories in Psychology; (3) REG/AUD. *Credit will be granted for only one of the following: PSYC 610 or PSYC 688. Formerly PSYC 688.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45930)** Larkin, W.
TuTh 12:30pm-2:00pm (ZOP 0124)

PSYC701 Multivariate Analysis I; (3) REG/AUD. *Prerequisite: PSYC 602 or permission of instructor.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45960)** O'Grady, K.
Tu 12:00pm-3:00pm (ZOP 1124)

PSYC704 Test Theory; (3) REG/AUD. *Prerequisite: PSYC 602 or permission of instructor.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45961)** Hanges, P.
M 9:30am-12:00pm (ZOP 1103)

PSYC711 *(PermReq)* **Introduction to Counseling Psychology; (3)** REG/AUD. *Prerequisite: permission of department.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45980)** Hill, C.
M 1:30pm-4:30pm (ZOP 2109)
Time and room to be arranged Dis

PSYC713 *(PermReq)* **Fundamentals of Clinical/Community Psychology; (3)** REG/AUD. *Prerequisite: permission of department.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45990)** Goodman, L.
M 9:30am-12:00pm (ZOP 2114B)

PSYC718 Research Issues in Clinical, Counseling, and Community Psychology; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(45991)** Smith, B.
Tu 3:30pm-6:00pm (ZOP 1103)

PSYC719 *(PermReq)* **Seminar in Clinical, Counseling, and Community Psychology; (3)** REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46000)** Brown, R.
Tu 1:00pm-4:00pm (ZOP 2114B)

PSYC721 *(PermReq)* **Assesment Issues in Clinical/Community Psychology I; (2)** REG/AUD. *Prerequisite: permission of department. Corequisite: PSYC 722.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46010)** Helms, J.
M 2:00pm-5:00pm (ZOP 1112)
0201 **(46011)** STAFF
Time and room to be arranged

PSYC722 *(PermReq)* **Assesment Issues in Clinical/Community Psychology I; (2)** REG/AUD. *Prerequisite: permission of department. Corequisite: PSYC 721.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46020)** O'Brien, K.
W 1:00pm-4:00pm (ZOP 2109)

PSYC728 Introductory Didactic-Practicum in Psychological Intervention; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46030)** Alexander, P.
Th 9:30am-12:00pm (ZOP 1124)
0201 **(46031)** Coursey, R.
Th 9:30am-12:00pm (ZOP 1234)

PSYC729 *(PermReq)* **Advanced Didactic-Practicum in Psychological Intervention; (3)** REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46041)** O'Brien, K.
M 1:30pm-4:30pm (ZOP 2114B)

PSYC733 Organizational Psychology; (3) REG/AUD. *Prerequisites: PSYC 603, PSYC 602, or equivalent, or permission of instructor.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46271)** Schneider, B.
Tu 9:30am-12:00pm (ZOP 1103)

PSYC738 Seminar in Industrial/Organizational Psychology; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46043)** Dachler, H.
Tu 9:30am-12:00pm (Arranged)

PSYC743 Social Cognition; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46051)** Stangor, C.
W 9:30am-12:00pm (ZOP 3132)

PSYC748 *(PermReq)* **Seminar in Social Psychology; (3)** REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46061)** Aspinwall, L.
Th 10:00am-12:30pm (ZOP 3132)

PSYC749 Current Research in Social Psychology; (1-3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46071)** Mills, J.
M 4:00pm-6:30pm (ZOP 3132)

PSYC762 *(PermReq)* **Comparative Psychology; (3)** REG/AUD. *Prerequisite: PSYC 661.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46081)** Dooling, R.
Th 2:00pm-4:30pm (ZOP 1103)

PSYC767 Human Neuroanatomy; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46082)** Hodos, W.
TuTh 9:30am-10:45am (ZOP 1112)

PSYC789 Special Research Problems; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.

PSYC798 Graduate Seminar; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46101)** Dooling, R.
W 9:30am-12:00pm (ZOP 1112)
Time and room to be arranged Dis

PSYC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.

PSYC819 Seminar in Personality and Development; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46160)** Cassidy, J.
W 3:30pm-6:00pm (ZOP 1112)

PSYC888 Research Methods in Psychology; (1-3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(46170)** Horton, D.
W 3:00pm-4:30pm (ZOP 1103)
0201 **(46171)** Gelfand, M.
M 2:00pm-4:00pm (ZOP 1103)
0301 **(46172)** Yager, D.
TuTh 11:00am-12:15pm (ZOP 1112)
0401 **(46173)** Cassidy, J.
W 12:00pm-1:30pm (Arranged)

PSYC899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.

PUAF Public Affairs
(Public Affairs)

PUAF610 Quantitative Methods in Policy Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46279)** Fetter, S.
MW 10:40am-11:55am (VMH 1206)
Time and room to be arranged Dis
0201 **(46280)** Fetter, S.
W 4:15pm-6:45pm (VMH 1206)
Time and room to be arranged Dis

PUAF611 Quantitative Analysis of Policy Issues; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46281)** Lopez, M.
TuTh 9:15am-10:30am (Arranged)

PUAF620 Political Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0201 **(46290)** Schick, A.
TuTh 10:40am-11:55am (VMH 1107)
0401 **(46291)** Schick, A.
TuTh 9:15am-10:30am (VMH 1107)

PUAF640 Microeconomic Theory and Policy Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46302)** Lopez, M.
TuTh 10:40am-11:55am (Arranged)
Tu 7:00pm-9:30pm (VMH 1206) Dis
0301 **(46303)** Lopez, M.
Tu 4:15pm-6:45pm (VMH 1206)
Tu 7:00pm-9:30pm (VMH 1206) Dis

PUAF650 Normative Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0201 **(46315)** Crocker, D.
Th 1:30pm-4:00pm (VMH 1107)

PUAF670 Finance; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46316)** Slater, S.
M 4:15pm-6:45pm (VMH 1206)
M 7:00pm-9:30pm (VMH 1206) Dis

PUAF698E Selected Topics in Public Affairs: Proseminar in Politics, Philosophy, and Public Policy; (3) REG/AUD. Course is team taught by Dr. K. Soltan, Dr. P. Levine, and Dr. J. Lichtenberg.
0101 **(51820)** Lichtenberg, J.
W 1:00pm-3:30pm (VMH 1109)

PUAF698P Selected Topics in Public Affairs: Leadership: Theory into Practice; (3) REG/AUD.
0101 **(46336)** Kellerman, B.
M 4:15pm-6:45pm (Arranged)

PUAF698T Selected Topics in Public Affairs: The Purposes of the University; (3) REG/AUD.
0101 **(46365)** Fallon, D.
Tu 7:00pm-9:30pm (VMH 1109)

PUAF698U Selected Topics in Public Affairs: Dynamic Modeling of Ecological and Economic Systems; (3) REG/AUD.
0101 **(46375)** Costanza, R.
F 2:00pm-5:00pm (SKN 0101)

PUAF698V Selected Topics in Public Affairs: Managing Social Services; (3) REG.
0101 **(46385)** Broadnax, W.
M 4:15pm-6:45pm (VMH 1107)

PUAF700 U.S. Trade: Policy and Politics; (3) REG/AUD. *Prerequisites: [PUAF 620; and PUAF 640; and PUAF 641]. For PUAF majors only or permission of department.*
0101 **(46395)** Destler, I.
W 4:15pm-6:45pm (VMH 1107)

PUAF706 Public Policymaking for Journalists; (3) REG/AUD. *Prerequisites: JOUR 462 and JOUR 728. For JOUR majors only.*
0101 **(46405)** STAFF
M 1:00pm-4:00pm (VMH 1109)

PUAF711 Management Strategies in Public Organizations; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46406)** Broadnax, W.
M 9:15am-11:45am (VMH 1107)
0201 **(46407)** Fallon, D.
Th 4:15pm-7:00pm (VMH 1109)

PUAF715 Government and Non-Profit Accounting; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46425)** Fettus, S.
Tu 4:15pm-6:45pm (VMH 1109)

PUAF716 State and Local Government Budgeting; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46435)** Brown, M.
W 7:00pm-9:30pm (VMH 1107)

PUAF720 United States National Security Policy after the Cold War; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46445)** Schake, K.
Th 4:15pm-6:45pm (VMH 1107)

PUAF733 Family Policy; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46446)** Besharov, D.
W 4:15pm-6:45pm (VMH 1109)

PUAF741 Global Environmental Problems; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46466)** Fetter, S.
Tu 4:15pm-6:45pm (VMH 1107)
Tu 7:00pm-9:30pm (VMH 1107) Dis

PUAF743 Ecological Economics; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46476)** Daly, H.
Th 4:15pm-6:45pm (VMH 1206)

PUAF745 Human Health and Environmental Policy; (3) REG/AUD.
0101 **(46496)** Sprinkle, R.
Tu 1:30pm-4:00pm (VMH 1107)

PUAF781 International Economic Policy; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46556)** Reinhart, C.
W 1:30pm-4:00pm (VMH 1107)

PUAF790 Project Course; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46566)** Destler, I.
Th 12:05pm-1:25pm (VMH 1107)
0301 **(46568)** Rogers, J.
Tu 12:05pm-1:20pm (VMH 1107)
0401 **(46569)** Fetter, S.
W 12:05pm-1:25pm (VMH 1107)

PUAF792 Strategy and Policy; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(46579)** Turner, S.
Tu 1:30pm-4:00pm (VMH 1109)

PUAF798B Readings in Public Policy; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PUAF899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

RUSS Russian
(Arts and Humanities)

RUSS101 Elementary Russian I; (5) REG/P-F/AUD. *Not open to native speakers of Russian.* Course chairman: C. Martin.
0101 **(46687)** Martin, C.
MWF 9:00am-10:50am (GEO 1120)
0201 **(46688)** Martin, C.
MWF 12:00pm-12:50pm (JMZ 0122)
TuTh 12:30pm-1:45pm (JMZ 0122) Dis

RUSS201 Intermediate Russian I; (4) REG/P-F/AUD. CORE: HO *Prerequisite: RUSS 102. Not open to native speakers of Russian.* Course chairman: K. Gor.
0101 **(46698)** STAFF
MWF 11:00am-11:50am (JMZ 2102)
TuTh 11:00am-11:50am (JMZ 2102) Dis
0201 **(46699)** STAFF
MWF 1:00pm-1:50pm (JMZ 2102)
TuTh 1:00pm-1:50pm (JMZ 2102) Dis

RUSS221 Masterworks of Russian Literature I; (3) REG/P-F/AUD. CORE: HL There will be separate discussions in English and Russian.
0101 **(46709)** Lekic, M.
TuTh 2:00pm-3:15pm (JMZ 0122)

RUSS282 Contemporary Russian Culture; (3) REG/P-F/AUD. CORE: HO DIVERSITY
0101 **(46719)** Martin, C.
TuTh 9:30am-10:45am (JMZ 3205)

RUSS301 Advanced Russian I; (3) REG/AUD. *Prerequisite: RUSS 202 or equivalent.*
0101 **(46729)** Sergushenkora, G.
MWF 10:00am-10:50am (JMZ 1124)
0201 **(46730)** Sergushenkora, G.
MWF 10:00am-10:50am (JMZ 1123)

RUSS303 Russian Conversation: Functional Skills; (3) REG/P-F/AUD. *Prerequisite: RUSS 202 or equivalent.*
0101 **(46740)** Hardman, I.
TuTh 11:00am-12:15pm (JMZ 3118)

RUSS321 Survey of Russian Literature I; (3) REG/P-F/AUD. *Prerequisite: RUSS 202 or equivalent.*
0101 **(46750)** STAFF
MWF 3:00pm-3:50pm (JMZ 3203)

RUSS381 Russian Civilization (in Russian) I; (3) REG/P-F/AUD. *Prerequisite: RUSS 202.*
0101 **(46760)** Hitchcock, D.
TuTh 11:00am-12:15pm (JMZ 1211)

RUSS386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

RUSS401 Advanced Russian Composition; (3) REG/P-F/AUD. *Prerequisite: RUSS 302.*
0101 **(46775)** Gor, K.
MWF 12:00pm-12:50pm (JMZ 1109)

RUSS403 Russian Conversation: Advanced Skills; (3) REG/P-F/AUD. *Prerequisite: RUSS 303 or equivalent.*
0101 **(46785)** STAFF
MWF 2:00pm-2:50pm (JMZ 1103)

RUSS405 Russian-English Translation I; (3) REG/P-F/AUD. *Pre- or corequisite: RUSS 302 or equivalent.*
0101 **(46795)** Hitchcock, D.
TuTh 12:30pm-1:45pm (JMZ 1211)

RUSS409 *(PermReq)* **Selected Topics in Russian Language Study: Russian Television and Journalism; (3)** REG/P-F/AUD.
0101 **(46805)** STAFF
TuTh 12:30pm-1:45pm (JMZ 2123)

RUSS610 Proseminar in Russian Linguistic Analysis; (3) REG/AUD. *Prerequisite: RUSS 412 or permission of department.*
0101 **(46806)** Martin, C.
Time and room to be arranged

RUSS611 Problems in Russian Phonology and Morphology; (3) REG/AUD. *Prerequisite: RUSS 411 or permission of department. Corequisite: RUSS 610.*
0101 **(46815)** Brecht, R.
M 5:00pm-7:30pm (JMZ 3203)

RUSS612 Problems in Russian Syntax; (3) REG/AUD. *Prerequisite: RUSS 412 or permission of department.*
0101 **(46825)** Lekic, M.
Tu 4:00pm-6:30pm (JMZ 2102)

RUSS619 Seminar in Linguistic Analysis of Russian; (3) REG/AUD.
0101 **(46835)** Lekic, M.
Time and room to be arranged

RUSS798 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
0101- Staff: 0201- Brecht, Richard: 0301- Staff: 0401- Hitchcock, Donald: 0501- Lekic, Maria: 0601- Martin, Cynthia, 0701- Gor, Kira.

RUSS798R Independent Study: Language and Cognition; (3) REG/AUD.
0101 **(46865)** STAFF
Th 4:00pm-6:30pm (JMZ 2122)

RUSS798S Independent Study: Research in Second Language Learning; (1-3) REG/AUD.
0101 **(46850)** Gor, K.
W 4:00pm-6:30pm (JMZ 3203)

RUSS799 Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

SLAV Slavic
(Arts and Humanities)

SLAV499 Directed Study; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SOCY Sociology
(Behavioral and Social Sciences)

SOCY100 Introduction to Sociology; (3) REG/P-F/AUD. CORE: SB Prerequisite for other sociology courses.
0101 **(46968)** STAFF
TuTh 3:30pm-4:45pm (ASY 3203)
0201 **(46969)** Hunt, L.
TuTh 2:00pm-3:15pm (ASY 2309)
0301 **(46970)** STAFF
MWF 9:00am-9:50am (ASY 3203)
0401 **(46971)** Hunt, L.
TuTh 11:00am-12:15pm (ASY 3221)
0501 **(46972)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 9:00am-9:50am (ARC 1121) Lab
0502 **(46973)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 10:00am-10:50am (ASY 3221) Lab
0503 **(46974)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 11:00am-11:50am (ASY 3221) Lab
0504 **(46975)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 12:00pm-12:50pm (ASY 3221) Lab
0505 **(46976)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 1:00pm-1:50pm (ASY 3221) Dis
0506 **(46977)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 2:00pm-2:50pm (ASY 3221) Dis
0507 **(46978)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 11:00am-11:50am (ASY 3211) Dis
0508 **(46979)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 12:00pm-12:50pm (ASY 3215) Dis
0509 **(46980)** Lengermann, J.
MW 2:00pm-2:50pm (ASY 2203)
F 2:00pm-2:50pm (ASY 3215) Dis
0601 **(46981)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 8:00am-8:50am (ASY 3221) Dis
0602 **(46982)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 9:00am-9:50am (ARC 1123) Dis
0604 **(46983)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 11:00am-11:50am (ARC 1123) Dis
0605 **(46984)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 12:00pm-12:50pm (ASY 3221) Dis
0606 **(46985)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 1:00pm-1:50pm (ASY 3221) Dis
0607 **(46986)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 2:00pm-2:50pm (ASY 3221) Dis
0608 **(46987)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 12:00pm-12:50pm (ASY 3219) Dis
0701 **(46989)** STAFF
MWF 10:00am-10:50am (ASY 3207)

SOCY100+ Introduction to Sociology; (3) REG/P-F/AUD. CORE: SB Restricted to students in a First Year Focus Cluster or College Park Scholars - Advocates for Children.
0603 **(46999)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 10:00am-10:50am (ASY 3221) Dis
Restricted to College Park Scholars - Advocates for Children.

0609 **(47000)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 2:00pm-2:50pm (ASY 3219) Dis
Restricted to students in a First Year Focus Cluster.

SOCY100H Introduction to Sociology; (3) REG/P-F/AUD. CORE: SB For general honors students only.
0101 **(47009)** Kestnbaum, M.
TuTh 11:00am-12:15pm (TWS 2228)

SOCY105 Introduction to Contemporary Social Problems; (3) REG/P-F/AUD. CORE: SB
0101 **(47019)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 9:00am-9:50am (COL 3111) Dis
0102 **(47020)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 10:00am-10:50am (ARC 1121) Dis
0104 **(47022)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 12:00pm-12:50pm (COL 3112) Dis
0106 **(47023)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 2:00pm-2:50pm (COL 3112) Dis
0107 **(47024)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 11:00am-11:50am (ARC 1103) Dis
0108 **(47025)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 12:00pm-12:50pm (COL 3114) Dis
0201 **(47027)** Zamani-Moghadam, L.
TuTh 11:00am-12:15pm (ASY 3203)
0301 **(47028)** STAFF
MWF 10:00am-10:50am (ASY 3203)
0401 **(47029)** STAFF
MWF 12:00pm-12:50pm (ASY 3203)

SOCY105+ Introduction to Contemporary Social Problems; (3) REG/P-F/AUD. CORE: SB Restricted to students in a First Year Focus Cluster.
0103 **(47030)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 11:00am-11:50am (COL 3112) Dis
0109 **(47031)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 1:00pm-1:50pm (COL 3111) Dis
0201 **(47032)** Zamani-Moghadam, L.
TuTh 11:00am-12:15pm (ASY 3203)

SOCY201 Introductory Statistics for Sociology; (4) REG/P-F/AUD. *Prerequisite: SOCY 100 and MATH 111 or equivalent. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URSP 350, or TEXT 400.* Required for majors.
0101 **(47039)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
W 8:00am-9:50am (ASY 3217) Lab
0102 **(47040)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
W 10:00am-11:50am (ASY 3217) Lab
0103 **(47041)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
W 1:00pm-2:50pm (ASY 3217) Lab
0104 **(47042)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
M 8:00am-9:50am (ASY 3217) Lab
0105 **(47043)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
M 10:00am-11:50am (ASY 3217) Lab

SOCY202 Introduction to Research Methods in Sociology; (4) REG/P-F/AUD. *Prerequisite: SOCY 201.* To be taken immediately after SOCY 201. Required for majors.
0101 **(47053)** STAFF
TuTh 9:30am-10:45am (ASY 1213)
Th 11:00am-12:50pm (ASY 3217) Lab
0102 **(47054)** STAFF
TuTh 9:30am-10:45am (ASY 1213)
Th 1:00pm-2:50pm (ASY 3217) Lab
0103 **(47055)** STAFF
TuTh 9:30am-10:45am (ASY 1213)
F 8:00am-9:50am (ASY 3217) Lab
0104 **(47056)** STAFF
TuTh 9:30am-10:45am (ASY 1213)
F 10:00am-11:50am (ASY 3217) Lab

SOCY203 Sociological Theory; (3) REG/P-F/AUD. *Prerequisite: SOCY 100.* Required for sociology majors.
0101 **(47066)** Goodman, D.
MWF 1:00pm-1:50pm (ASY 2203)
0201 **(47067)** Goodman, D.
MWF 11:00am-11:50am (ASY 1213)

SOCY227 Introduction to the Study of Deviance; (3) REG/P-F/AUD. CORE: SB *Credit will be granted for only one of the following: SOCY 227 or SOCY 327. Formerly SOCY 327.*
0101 **(47076)** Baxter, S.
MWF 11:00am-11:50am (ASY 3203)
0201 **(47077)** Nasser, R.
MWF 1:00pm-1:50pm (ASY 1213)

SOCY230 Sociological Social Psychology; (3) REG/P-F/AUD.
0101 **(47087)** McLaughlin, A.
TuTh 9:30am-10:45am (ASY 3203)

SOCY241 Inequality in American Society; (3) REG/P-F/AUD. DIVERSITY
0101 **(47097)** STAFF
MWF 12:00pm-12:50pm (ASY 3207)

SOCY305 Scarcity and Modern Society; (3) REG/P-F/AUD. *Prerequisite: 3 credits of sociology.*
0101 **(47107)** Finsterbusch, K.
TuTh 12:30pm-1:45pm (ASY 1213)

SOCY325 The Sociology of Gender; (3) REG/AUD. DIVERSITY *Prerequisite: 3 credits of sociology. Also offered as WMST 325. Credit will be granted for only one of the following: SOCY 325 or WMST 325.*
0101 **(47117)** Forsythe, A.
TuTh 12:30pm-1:45pm (ASY 3203)
0201 **(47118)** Moore, L.
MWF 10:00am-10:50am (ASY 1213)
0301 **(47119)** Moore, L.
MWF 12:00pm-12:50pm (ASY 1213)

SOCY380 *(PermReq)* Honors Independent Reading in Sociology; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. Formerly SOCY 378.*

SOCY381 *(PermReq)* Honors Independent Research in Sociology; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: SOCY 380. Formerly SOCY 388.*

SOCY383 *(PermReq)* Honors Thesis Research; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: SOCY 381. Formerly SOCY 389.*

SOCY386 *(PermReq)* Experiential Learning; (3-6) REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.* To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergraduate Program.

SOCY398C Special Topics in Sociology: Introduction to Computer for Social Science Majors: SAS; (1) REG/AUD.
0101 **(47159)** Neustadtl, A.
Tu 2:00pm-3:30pm (ASY 3221)

SOCY399 *(PermReq)* Independent Study in Sociology; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. No more than 6 hours of 399 is allowed for credit.

SOCY410 Social Demography; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(47196)** Derose, L.
MW 2:00pm-3:15pm (ASY 3203)

SOCY412 Family Demography; (3) REG/P-F/AUD. *Prerequisite: SOCY 410. Formerly SOCY 312.*
0101 **(47206)** Kahn, J.
TuTh 2:00pm-3:15pm (ASY 1213)

SOCY425 Gender Roles and Social Institutions; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(47592)** Forsythe, A.
MW 3:30pm-4:45pm (ASY 3203)

SOCY432 Social Movements; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(47207)** Vanneman, R.
TuTh 2:00pm-3:15pm (ASY 3219)

SOCY441 Social Stratification and Inequality; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department. Junior standing.*
0101 **(47216)** Vanneman, R.
MWF 2:00pm-2:50pm (ASY 3207)
0201 **(47217)** Pease, J.
TuTh 9:30am-10:45am (ASY 3207)
0301 **(47218)** Landry, L.
TuTh 2:00pm-3:15pm (ASY 3207)

SOCY447 Small Group Analysis; (3) REG/P-F/AUD. *Prerequisite: SOCY 201 or equivalent or permission of department.*
0101 **(47228)** Meeker, B.
TuTh 9:30am-10:45am (ASY 3221)

SOCY464 Military Sociology; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(47238)** Segal, D.
MWF 1:00pm-1:50pm (ASY 3203)

SOCY498B Selected Topics in Sociology: Time, Work, and Leisure; (3) REG/P-F/AUD.
0101 **(47248)** Robinson, J.
Tu 3:30pm-6:10pm (ASY 3207)

SOCY498F Selected Topics in Sociology: Family and Social Class; (3) REG/P-F/AUD.
0101 **(47258)** Landry, L.
TuTh 11:00am-12:15pm (ASY 3207)

SOCY601 Multivariate Statistics; (3) REG/AUD. *Prerequisite: SOCY 401 or equivalent.*
0101 **(47278)** Neustadtl, A.
Tu 6:30pm-9:10pm (ASY 2309)

SOCY604 Survey Research Methods; (3) REG/AUD. *Prerequisite: SOCY 602 or equivalent or permission of department.*
0101 **(47288)** Robinson, J.
M 6:30pm-9:10pm (ASY 3217)

SOCY620 Development of European and American Sociological Theory; (3) REG/AUD. *Prerequisite: SOCY 203 or permission of instructor.*
0101 **(47308)** Falk, W.
W 3:30pm-6:10pm (ASY 2115)

SOCY630 Population and Society; (3) REG/AUD.
0101 **(47318)** Desai, S.
Th 3:30pm-6:10pm (ASY 3217)

SOCY632 Personality and Social Structure; (3) REG/AUD.
0101 **(47328)** Hamilton, V.
Th 3:30pm-6:10pm (ASY 2115)

SOCY660 Theories of Social Psychology; (3) REG/AUD. *Prerequisite: undergraduate training in sociological research methods, statistics, and theory or equivalent.*
0101 **(47338)** Meeker, B.
Tu 3:30pm-6:10pm (ASY 2115)

SOCY665 Sex Stratification; (3) REG/AUD. *Prerequisite: permission of instructor.*
0101 **(47348)** Hunt, J.
W 6:30pm-9:10pm (ASY 3217)

SOCY699 Special Social Problems; (1-16) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SOCY699C Special Social Problems: Introduction to Computer for Social Science Majors: SAS; (1) REG/AUD.
0101 **(47386)** Neustadtl, A.
Tu 2:00pm-3:30pm (ASY 3221)

SOCY699D Special Social Problems: Sociology of Development; (3) REG/AUD.
0101 **(47396)** Finsterbusch, K.
W 6:30pm-9:10pm (ASY 2115)

SOCY699F Special Social Problems: Family Demography; (3) REG/AUD.
0101 **(47406)** Bianchi, S.
Th 6:30pm-9:10pm (ASY 2115)

SOCY699G Special Social Problems: Great Books in Political Economy; (3) REG/AUD.
0101 **(47416)** Kestnbaum, M.
Tu 3:30pm-6:10pm (ASY 3217)

SOCY699J Special Social Problems: World Systems Theory; (3) REG/AUD.
0101 **(47426)** Korzeniewicz, R.
M 3:30pm-6:10pm (ASY 3217)

SOCY699K Special Social Problems: Sociology of Consumerism; (3) REG/AUD.
0101 **(47436)** Ritzer, G.
M 6:30pm-9:10pm (ASY 2115)

SOCY699Q Special Social Problems: Qualitative Methods; (3) REG/AUD.
0101 **(47437)** Dance, L.
Th 6:30pm-9:10pm (ASY 3217)

SOCY699U Special Social Problems: Sociology Teaching Assistants Seminar; (1) REG/AUD.
0101 **(47446)** Zamani-Moghadam, L.
M 12:00pm-12:50pm (ASY 2115)

SOCY769 Advanced Special Topics in Military Sociology: Women in the Military; (3) REG/AUD.
0101 **(47456)** Segal, M.
M 3:30pm-6:10pm (ASY 2115)

SOCY799 *(PermReq)* Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

SOCY819 Research Seminar in Social Psychology; (1) REG/AUD.
0101 **(47494)** Milkie, M.
Time and room to be arranged

SOCY829 Research Seminar in Sociological Theory; (1) REG/AUD.
0101 **(47504)** Brown, R.
Time and room to be arranged

SOCY839 Research Seminar in Organizations and Occupations; (1) REG/AUD.
0101 **(47514)** Finsterbusch, K.
Time and room to be arranged

SOCY849 Research Seminar in Demography; (1) REG/AUD.
0101 **(47524)** Kahn, J.
Time and room to be arranged

SOCY858 Research Seminar in Sex Roles; (1) REG/AUD.
0101 **(47534)** Bianchi, S.
Time and room to be arranged

SOCY869 Research Seminar in Military Sociology; (1) REG/AUD.
0101 **(47544)** Kestnbaum, M.
Time and room to be arranged

SOCY889 Research Seminar in Social Stratification; (1) REG/AUD.
0101 **(47554)** Landry, L.
Time and room to be arranged

SOCY899 *(PermReq)* Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

SPAN Spanish
(Arts and Humanities)

Electronic laboratory for SPAN 101, SPAN 102, SPAN 103, SPAN 201 will be scheduled after classes start.

SPAN101 Elementary Spanish I; (4) REG/P-F/AUD. *Prerequisite: No previous Spanish: high school level 1 Spanish with grade of A or B; high school level 2 Spanish with a grade of C or below. Not open to native/fluent speakers of Spanish.* Exceptions will be granted for students with 5 years lapse in study. Students must present high school transcript on the first day of class to assure proper placement. For advising assistance, come to JMZ 2202.
0101 **(47641)** STAFF
MTuWF 8:00am-8:50am (JMZ 2207)
0201 **(47642)** STAFF
MTuWF 9:00am-9:50am (JMZ 2207)
0301 **(47643)** STAFF
MTuWF 10:00am-10:50am (JMZ 0208)
0401 **(47644)** STAFF
MTuWF 11:00am-11:50am (JMZ 0208)
0501 **(47645)** STAFF
MTuWF 12:00pm-12:50pm (JMZ 0208)
0601 **(47646)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 0208)
0701 **(47647)** STAFF
MTuWF 2:00pm-2:50pm (JMZ 0208)

SPAN102 Elementary Spanish II; (4) REG/P-F/AUD. *Prerequisite: SPAN 101 at UMCP or equivalent. Not open to native/fluent speakers of Spanish.* Recommended for students who have completed Level 2 with a grade of A or B in high school or SPAN 101 at UMCP, or the first semester of college Spanish at another institution. Students must present college and/or high school transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202.
0101 **(47657)** STAFF
MWF 10:00am-10:50am (JMZ 0103)
Th 10:00am-10:50am (JMZ 0208)
0201 **(47658)** STAFF
MWF 11:00am-11:50am (JMZ 0103)
Th 11:00am-11:50am (JMZ 0208)
0301 **(47659)** STAFF
MWF 12:00pm-12:50pm (JMZ 0103)
Th 12:00pm-12:50pm (JMZ 0208)
0401 **(47660)** STAFF
MWF 1:00pm-1:50pm (JMZ 0103)
Th 1:00pm-1:50pm (JMZ 0208)

SPAN103 Review of Elementary Spanish; (4) REG/P-F/AUD. *Not open to students who have completed higher level Spanish language classes.* Recommended for students who have completed Level 2 with a grade of A or B, or Level 3 with a grade of C or below in high school, or the first semester of college Spanish at another institution. Limited exceptions may be granted for students with weak preparations or several years lapse since study in high school. Students must present high school and/or college transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202.
0101 **(47670)** STAFF
MWF 9:00am-9:50am (JMZ 0208)
Tu 9:00am-9:50am (JMZ 0208)
0201 **(47671)** STAFF
MWF 10:00am-10:50am (JMZ 0118)
Tu 10:00am-10:50am (JMZ 2207)
0301 **(47672)** STAFF
MWF 11:00am-11:50am (JMZ 0118)
Tu 11:00am-11:50am (JMZ 2207)
0401 **(47673)** STAFF
MWF 12:00pm-12:50pm (JMZ 0118)
Tu 12:00pm-12:50pm (JMZ 2207)
0501 **(47674)** STAFF
MWF 1:00pm-1:50pm (JMZ 0118)
Tu 1:00pm-1:50pm (JMZ 2207)

SPAN201 Intermediate Spanish; (4) REG/P-F/AUD. CORE: HO *Prerequisite: SPAN 102 or SPAN 103 at UMCP or high school level 3 Spanish with a grade of A or B or high school level 4 Spanish with a C or below. Not open to native/fluent speakers of Spanish. Formerly SPAN 203.*
0101 **(47684)** STAFF
MWThF 8:00am-8:50am (JMZ 0103)
0201 **(47685)** STAFF
MWThF 9:00am-9:50am (JMZ 0103)
0301 **(47686)** STAFF
MWThF 10:00am-10:50am (JMZ 2207)
0401 **(47687)** STAFF
MWThF 11:00am-11:50am (PLS 1113)
0501 **(47688)** STAFF
MWF 11:00am-11:50am (HBK 1108)
Th 11:00am-11:50am (JMZ 0118)
0601 **(47689)** STAFF
MWThF 12:00pm-12:50pm (JMZ 2207)
0701 **(47690)** STAFF
MWThF 1:00pm-1:50pm (JMZ 2207)

0801 **(47691)** STAFF
MWF 1:00pm-1:50pm (JMZ 1226)
Th 1:00pm-1:50pm (JMZ 0103)
0901 **(47692)** STAFF
MWThF 2:00pm-2:50pm (JMZ 2207)
1001 **(47693)** STAFF
MWThF 3:00pm-3:50pm (JMZ 2207)

SPAN202 Intermediate Grammar and Composition; (3) REG/P-F/AUD. CORE: HO *Prerequisite: SPAN 201 or high school level 4 or 5 with a grade of A or B or permission of department. Corequisite: SPAN 207 and/or SPAN 211. Not open to native/fluent speakers of Spanish. Formerly SPAN 204.*
0101 **(47703)** STAFF
MWF 10:00am-10:50am (PLS 1184)
0201 **(47704)** STAFF
MWF 11:00am-11:50am (JMZ 1215)
0301 **(47705)** STAFF
MWF 12:00pm-12:50pm (JMZ 1215)
0401 **(47706)** STAFF
MWF 1:00pm-1:50pm (JMZ 1215)
0501 **(47707)** STAFF
MWF 2:00pm-2:50pm (JMZ 1215)

SPAN206 Review of Oral and Written Spanish for Native Speakers Educated in the United States; (3) REG/P-F/AUD. *Prerequisite: native or near native knowledge of oral Spanish and no formal education in Spanish.* Offered fall only.
0101 **(47717)** STAFF
MWF 11:00am-11:50am (JMZ 2207)

SPAN207 Reading and Writing in Spanish; (3) REG/P-F/AUD. *Prerequisites: SPAN 201. Pre- or corequisite: SPAN 202, or permission of department.*
0101 **(47727)** Little, K.
MWF 10:00am-10:50am (JMZ 2206)
0201 **(47728)** Little, K.
MWF 11:00am-11:50am (JMZ 2206)

SPAN211 Intermediate Conversation; (3) REG/P-F/AUD. *Prerequisite: SPAN 201 or permission of department. Not open to native/fluent speakers of Spanish. Formerly SPAN 205.*
0101 **(47738)** STAFF
MWF 9:00am-9:50am (JMZ 2117)
0201 **(47739)** STAFF
MWF 10:00am-10:50am (JMZ 3118)
0301 **(47740)** STAFF
MWF 11:00am-11:50am (JMZ 3118)
0401 **(47741)** STAFF
MWF 12:00pm-12:50pm (JMZ 3118)

SPAN221 Introduction to Literature; (3) REG/P-F/AUD. CORE: HL *Prerequisite: Spanish high school level 5 or above or SPAN 202 or permission of department.* May be taken with SPAN 204 and/or 205.
0101 **(47751)** STAFF
MWF 1:00pm-1:50pm (JMZ 1122)
0201 **(47752)** STAFF
MWF 2:00pm-2:50pm (JMZ 3205)

SPAN223 United States Latino Culture; (3) REG/P-F/AUD. CORE: HO DIVERSITY *45 semester hours.*
0101 **(47762)** Rodriguez, A.
MWF 11:00am-11:50am (HBK 0105)

SPAN228A Latin American Literatures and Societies: An Interdisciplinary to the Amazon Ecosystem; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(47773)** Igel, R.
MWF 2:00pm-2:50pm (JMZ 3203)

SPAN234 Issues in Latin American Studies I; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as PORT 234 and LASC 234. Credit will be granted for only one of the following: SPAN 234 or PORT 234 or LASC 234.*
0101 **(47782)** Korzeniewicz, R.
TuTh 10:00am-11:00am (SYM 0200)
Th 11:00am-12:00pm (JMZ 3205) Dis
0102 **(47783)** Korzeniewicz, R.
TuTh 10:00am-11:00am (SYM 0200)
Th 12:00pm-1:00pm (JMZ 0103) Dis

SPAN234H Issues in Latin American Studies I; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as PORT 234 and LASC 234. Credit will be granted for only one of the following: SPAN 234 or PORT 234 or LASC 234.* For general honors students only.
0101 **(47793)** Korzeniewicz, R.
TuTh 10:00am-11:00am (SYM 0200)
Th 11:00am-11:50am (JMZ 3205) Dis

SPAN301 Advanced Grammar and Composition I; (3) REG/P-F/AUD. *Prerequisite: SPAN 202. Recommended: SPAN 207.*
0101 **(47803)** STAFF
MWF 9:00am-9:50am (JMZ 0118)
0201 **(47804)** STAFF
MWF 10:00am-10:50am (HBK 1108)
0301 **(47805)** STAFF
MWF 1:00pm-1:50pm (JMZ 1224)
0401 **(47806)** STAFF
MWF 2:00pm-2:50pm (JMZ 0103)
0501 **(47807)** STAFF
MW 7:30pm-8:45pm (JMZ 2206)

SPAN302 Advanced Grammar and Composition II; (3) REG/P-F/AUD. *Prerequisite: SPAN 301.*
0101 **(47817)** STAFF
MWF 12:00pm-12:50pm (JMZ 1104)
0201 **(47818)** STAFF
MWF 1:00pm-1:50pm (JMZ 1124)

SPAN311 Advanced Conversation I; (3) REG/P-F/AUD. *Prerequisite: SPAN 202 or SPAN 211 or permission of department. Not open to native/fluent speakers of Spanish.* Course chair: staff.
0101 **(47828)** STAFF
MWF 10:00am-10:50am (HBK 1116)
0201 **(47829)** STAFF
MWF 11:00am-11:50am (JMZ 1120)
0301 **(47830)** STAFF
MWF 12:00pm-12:50pm (JMZ 1120)
0401 **(47831)** STAFF
MWF 1:00pm-1:50pm (JMZ 1211)
0501 **(47832)** STAFF
TuTh 7:30pm-8:45pm (JMZ 1120)

SPAN315 Commercial Spanish I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(47851)** STAFF
TuTh 9:30am-10:45am (PLS 1168)
0201 **(47852)** Lavine, R.
TuTh 11:00am-12:15pm (CSS 1410)
0301 **(47853)** STAFF
TuTh 12:30pm-1:45pm (JMZ 1224)
0401 **(47854)** STAFF
TuTh 2:00pm-3:15pm (JMZ 0118)

SPAN316 *(PermReq)* **Practicum in Translation I; (3)** REG/P-F/AUD. *Prerequisite: SPAN 301 and permission of department.* Offered fall only.
0101 **(47864)** STAFF
TuTh 9:30am-10:45am (JMZ 1215)
0201 **(47865)** STAFF
TuTh 11:00am-12:15pm (JMZ 1215)
0301 **(47866)** STAFF
TuTh 12:30pm-1:45pm (JMZ 1215)
0401 **(47867)** STAFF
TuTh 2:00pm-3:15pm (JMZ 1215)

SPAN321 Survey of Spanish Literature I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(47877)** Benito-Vessels, C.
MWF 10:00am-10:50am (HJP 2242)

SPAN323 Survey of Latin-American Literature I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(47887)** Rodriguez, A.
MWF 10:00am-10:50am (ARC 1105)
0201 **(47888)** Mcrediz, E.
MWF 11:00am-11:50am (HJP 2242)

SPAN325 Spanish Civilization I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(47898)** STAFF
MWF 3:00pm-3:50pm (JMZ 1117)

SPAN346 Latin American Civilization I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(47908)** Aguilar-Mora, J.
TuTh 2:00pm-3:15pm (JMZ 2206)
0201 **(47909)** STAFF
TuTh 2:00pm-3:15pm (PHY 1219)

SPAN356 Literary Translation I; (3) REG/P-F/AUD. *Prerequisite: SPAN 317 or permission of department.*
0101 **(47918)** STAFF
MWF 12:00pm-12:50pm (JMZ 2206)

SPAN386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: permission of department. 56 semester hours.*
0101 **(47928)** Roman, C.
Time and room to be arranged

SPAN399 *(PermReq)* **Independent Study in Spanish; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course.

SPAN408 Great Themes of the Hispanic Literatures: Latin American Theatre; (3) REG/P-F/AUD.
0101 **(47949)** Cypess, S.
TuTh 12:30pm-1:45pm (JMZ 1120)

SPAN408A Great Themes of the Hispanic Literatures: Encounters of Atlantic Cultures; (3) REG/P-F/AUD.
0101 **(47959)** Mcrediz, E.
MWF 1:00pm-1:50pm (JMZ 3203)

SPAN410 Literature of the Middle Ages; (3) REG/P-F/AUD.
0101 **(47969)** Benito-Vessels, C.
MWF 11:00am-11:50am (JMZ 1109)

SPAN460 The Generation of 1898 and Its Successors; (3) REG/P-F/AUD.
0101 **(47989)** Naharro-Calderon, J.
MWF 2:00pm-2:50pm (JMZ 1122)

SPAN479 Honors Thesis; (3-6) REG/P-F/AUD.
0101 **(47999)** STAFF
Time and room to be arranged

SPAN495H Honors Reading; (3) REG/P-F/AUD. *Prerequisite: admittance to Spanish and Portuguese Honors or permission of department.*
0101 **(48009)** Cypess, S.
TuTh 12:30pm-1:45pm (JMZ 1120)

SPAN605 *(PermReq)* **Teaching Spanish I; (1)** REG. *Prerequisite: permission of department. For Spanish teaching assistants only.*
0101 **(48019)** Lavine, R.
M 2:00pm-4:00pm (JMZ 1224)

SPAN698 Obras Maestras Latinoamericanas: Obras maestras latinoamericanas; (3) REG/AUD.
0101 **(48029)** Cypess, S.
Tu 3:30pm-6:00pm (JMZ 2123)

SPAN699 *(PermReq)* **Independent Study in Spanish; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPAN750 Workshop in Essay Writing; (3) REG/AUD.
0101 **(48119)** Pacheco, J.
F 4:30pm-7:00pm (JMZ 2206)

SPAN798 Open Seminar: Positivismo en el Siglo 19; (3) REG/AUD.
0101 **(48049)** Aguilar-Mora, J.
Tu 6:30pm-9:00pm (JMZ 0122)

SPAN798A Open Seminar: Introduction to Latin American Colonial Literature; (3) REG/AUD.
0101 **(48059)** Bouvier, V.
W 4:30pm-7:00pm (JMZ 2123)

SPAN798B Open Seminar: Modernity and the Image of Spain; (3) REG/AUD.
0101 **(48069)** Naharro-Calderon, J.
F 3:30pm-6:00pm (JMZ 0103)

SPAN798D Open Seminar: Critica Literaria; (3) REG/AUD.
0101 **(48089)** Sosnowski, S.
M 4:30pm-7:00pm (JMZ 2207)

SPAN799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

SPAN898 Open Seminar: Modernismo; (3) REG/AUD.
0101 **(48120)** Pacheco, J.
Th 4:30pm-7:00pm (JMZ 2117)

SPAN899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

SPCH Speech
(Arts and Humanities)

Please note: Effective Fall 1998, all SPCH courses will be changed to COMM - Communication courses at the end of the Schedule Adjustment Period.

SPCH107 Speech Communication: Principles and Practice; (3) REG/P-F. *Not open to students who have completed SPCH 100. Credit will be granted for only one of the following: SPCH 100 or SPCH 107.* This course is restricted to students in the former College of Human Ecology, College of Business and Management, College of Education, College of Journalism, College of Letters and Sciences, and students with the following major codes: 01020, 01030, 01021, 01031, 01040, 1506A, 12230, 01080, 12120, 12130, 4901Z, 00400, 0108F, 21030, 4901E, 1305F, 1306H, 1307D, and 00001. Course chairperson: Wolvin. Attendance on the first day of classes is mandatory.
0101 **(48168)** STAFF
MWF 8:00am-8:50am (PLS 1115)
0201 **(48169)** STAFF
MWF 8:00am-8:50am (TWS 0131)
0301 **(48170)** STAFF
MWF 9:00am-9:50am (PLS 1158)
0401 **(48171)** STAFF
MWF 9:00am-9:50am (PLS 1176)
0501 **(48172)** STAFF
MWF 9:00am-9:50am (SKN 1112)
0601 **(48173)** STAFF
MWF 10:00am-10:50am (TWS 0135)
0801 **(48204)** STAFF
MWF 10:00am-10:50am (PLS 1158)
0901 **(48203)** STAFF
MWF 11:00am-11:50am (TWS 0135)
1101 **(48175)** STAFF
MWF 11:00am-11:50am (TWS 2212)
1201 **(48176)** STAFF
MWF 1:00pm-1:50pm (PLS 1111)
1301 **(48177)** STAFF
MWF 1:00pm-1:50pm (PLS 1113)
1501 **(48179)** STAFF
MWF 2:00pm-2:50pm (DNC 1143)
1701 **(48180)** STAFF
TuTh 8:00am-9:15am (TWS 0138)
1801 **(48181)** STAFF
TuTh 8:00am-9:15am (TWS 0131)
1901 **(48202)** STAFF
MWF 2:00pm-2:50pm (PLS 1180)
2001 **(48182)** STAFF
TuTh 9:30am-10:45am (TWS 0131)
2101 **(48183)** STAFF
TuTh 9:30am-10:45am (TWS 0138)
2201 **(48184)** STAFF
TuTh 9:30am-10:45am (TWS 0135)
2401 **(48185)** STAFF
TuTh 11:00am-12:15pm (PLS 1158)
2501 **(48186)** STAFF
TuTh 11:00am-12:15pm (PLS 1180)
2601 **(48187)** STAFF
TuTh 1:00pm-2:15pm (TWS 0135)
2701 **(48188)** STAFF
TuTh 12:30pm-1:45pm (PLS 1180)
2801 **(48189)** STAFF
TuTh 12:30pm-1:45pm (TWS 0138)
2901 **(48190)** STAFF
TuTh 12:30pm-1:45pm (PLS 1113)
3001 **(48191)** STAFF
TuTh 12:30pm-1:45pm (TWS 2212)
3101 **(48192)** STAFF
TuTh 2:00pm-3:15pm (PLS 1180)
3201 **(48193)** STAFF
TuTh 2:00pm-3:15pm (TWS 0131)
3501 **(48196)** STAFF
MWF 10:00am-10:50am (TWS 2212)
3901 **(48199)** STAFF
TuTh 8:00am-9:15am (TWS 0147)

SPCH107+ Speech Communication: Principles and Practice; (3) REG/P-F. *Not open to students who have completed SPCH 100. Credit will be granted for only one of the following: SPCH 100 or SPCH 107.* Restricted to students in a First Year Focus Cluster or College Park Scholars Program.
0501 **(48213)** STAFF
MWF 9:00am-9:50am (SKN 1112)
Restricted to College Park Scholars - Life Sciences.
0701 **(48209)** STAFF
MWF 10:00am-10:50am (PLS 1115)
Restricted to College Park Scholars - Business, Society, and the Economy.
0801 **(48210)** STAFF
MWF 10:00am-10:50am (PLS 1158)
Restricted to College Park Scholars - Life Sciences.
1001 **(48217)** STAFF
MWF 11:00am-11:50am (TWS 2228)
Restricted to students in a First Year Focus Cluster.
1101 **(48214)** STAFF
MWF 11:00am-11:50am (TWS 2212)
Restricted to College Park Scholars - Life Sciences.
1401 **(48221)** STAFF
MWF 1:00pm-1:50pm (PLS 1117)
Restricted to students in a First Year Focus Cluster.
1601 **(48212)** STAFF
TuTh 8:00am-9:15am (PLS 1180)
Restricted to College Park Scholars - International Studies.
2301 **(48219)** STAFF
TuTh 9:30am-10:45am (PLS 1158)
Restricted to students in a First Year Focus Cluster.
3401 **(48220)** STAFF
MWF 9:00am-9:50am (TWS 0131)
Restricted to students in a First Year Focus Cluster.
3601 **(48218)** STAFF
MWF 9:00am-9:50am (TWS 0138)
Restricted to students in a First Year Focus Cluster.
3701 **(48216)** STAFF
MWF 9:00am-9:50am (KEY 0123)
Restricted to students in a First Year Focus Cluster.
3801 **(48215)** STAFF
TuTh 9:30am-10:45am (PLS 1180)
Restricted to students in a First Year Focus Cluster.

SPCH125 Introduction to Interpersonal Communication; (3) REG/P-F/AUD. This course is restricted to students in the former College of Human Ecology, College of Business and Management, College of Education, College of Journalism, College of Letters and Sciences, and students with the following major codes: 0108F, 01020, 01030, 01021, 01031, 01040, 1506A, 12230, 01080, 12120, 12130, 4901Z, 00400, 21030, 4901E, 1305A, 1307D, and 00001. Attendance on the first day of classes is mandatory.
0101 **(48225)** STAFF
MW 8:00am-9:15am (PLS 1113)
0201 **(48226)** STAFF
MW 9:30am-10:45am (PLS 1146)

SPCH200 Advanced Public Speaking; (3) REG/P-F/AUD. *Prerequisite: SPCH 100 or SPCH 107 or permission of department.* Attendance on the first day of classes is mandatory.
0101 **(48236)** STAFF
MW 9:30am-10:45am (PLS 1113)
0201 **(48237)** STAFF
MW 11:00am-12:15pm (PLS 1176)

SPCH220 Small Group Discussion; (3) REG/P-F/AUD. Attendance on the first day of classes is mandatory.
0101 **(48247)** STAFF
TuTh 8:00am-9:15am (SKN 0104)
0201 **(48248)** STAFF
TuTh 9:30am-10:45am (TYD 1101)

SPCH230 Argumentation and Debate; (3) REG/P-F/AUD. Course chairperson: Klumpp. Attendance on the first day of classes is mandatory.
0101 **(48258)** STAFF
TuTh 9:30am-10:45am (PLS 1115)
0201 **(48259)** STAFF
TuTh 11:00am-12:15pm (PLS 1115)

SPCH250 Introduction to Speech Communication Inquiry; (3) REG/P-F/AUD.
0101 **(48269)** Waks, L.
TuTh 11:00am-12:15pm (MMH 1400)

SPCH324 Communication and Gender; (3) REG/P-F/AUD. DIVERSITY
0101 **(48279)** STAFF
TuTh 9:30am-10:45am (SKN 1112)
0201 **(48280)** STAFF
TuTh 11:00am-12:15pm (SKN 1112)

SPCH330 Argumentation and Public Policy; (3) REG/AUD.
0101 **(48290)** STAFF
MW 12:30pm-1:45pm (SKN 0104)

SPCH383 Urban Communication; (3) REG/AUD.
0101 **(48300)** Cai, J.
W 6:00pm-9:00pm (SKN 0104)

SPCH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

SPCH400 Research Methods in Speech Communication; (3) REG/P-F/AUD. *Prerequisites: SPCH 250 and an introductory course in statistics.* Attendance on the first day of classes is mandatory.
0101 **(48326)** STAFF
TuTh 12:30pm-1:45pm (ARM 0131)

SPCH401 Interpreting Strategic Discourse; (3) REG/P-F/AUD.
0101 **(48336)** Parry-Giles, S.
MW 3:30pm-4:45pm (SKN 0104)

SPCH402 Communication Theory and Process; (3) REG/P-F/AUD. *Recommended: SPCH 250.* Attendance on the first day of classes is mandatory.
0101 **(48346)** Cai, D.
MW 11:00am-12:15pm (SKN 0104)

SPCH420 Theories of Group Discussion; (3) REG/P-F/AUD.
0101 **(48356)** Waks, L.
MW 2:00pm-3:15pm (SKN 0104)

SPCH424 Communication in Complex Organizations; (3) REG/P-F/AUD. Attendance on the first day of classes is mandatory.
0101 **(48366)** Eadie, W.
M 6:00pm-9:00pm (SKN 0104)

SPCH425 Negotiation and Conflict Management; (3) REG/P-F/AUD.
0101 **(48376)** Cai, D.
MW 12:30pm-1:45pm (CSS 1410)

SPCH453 The Power of Discourse in American Life; (3) REG/P-F/AUD.
0101 **(48386)** Klumpp, J.
TuTh 2:00pm-3:15pm (SKN 0104)

SPCH470 Listening; (3) REG/P-F/AUD.
0101 **(48396)** Wolvin, A.
TuTh 3:30pm-4:45pm (SKN 1112)

SPCH478 Speech Communication Colloquium; (1) REG/AUD.
0101 **(48406)** STAFF
F 12:00pm-1:15pm (SKN 0104)

SPCH482 Intercultural Communication; (3) REG/P-F/AUD. DIVERSITY
0101 **(48416)** Cai, J.
MW 8:00am-9:15am (SKN 0104)
0201 **(48417)** Cai, J.
MW 9:30am-10:45am (SKN 0104)
0301 **(48418)** STAFF
TuTh 3:30pm-4:45pm (SKN 1115)

SPCH489 Topical Research; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPCH626 Conflict Management; (3) REG/AUD.
0101 **(48435)** Cai, D.
MW 12:30pm-1:45pm (CSS 1410)

SPCH650 Classical and Medieval Rhetorical Theory; (3) REG/AUD. *Formerly SPCH 450.*
0101 **(48445)** Gaines, R.
W 7:00pm-10:00pm (SKN 2127)

SPCH670 Seminar in Listening Behavior; (3) REG/AUD. *Prerequisite: SPCH 470 or permission of instructor.*
0101 **(48455)** Wolvin, A.
TuTh 3:30pm-4:45pm (SKN 0104)

SPCH686 Teaching Speech Communication; (1) REG/AUD.
0101 **(48475)** Wolvin, A.
Th 12:30pm-1:45pm (SKN 2127)

SPCH700 Introduction to Doctoral Studies in Speech Communication; (3) REG/AUD. *Prerequisite: admission to the Ph.D. program in SPCH. Formerly PCOM 700.*
0101 **(48485)** Klumpp, J.
Th 4:00pm-6:45pm (SKN 2127)

SPCH703 Advanced Quantitative Data Analysis in Speech Communication Research: Structural Equation Models; (3) REG. *Prerequisites: SPCH 702 and permission of instructor. Formerly PCOM 703.*
0101 **(48496)** Fink, E.
W 4:00pm-7:00pm (SKN 2127)

SPCH711 Qualitative Research Methods in Speech Communication Research; (3) REG. *Prerequisite: SPCH 700 or permission of instructor. Formerly PCOM 711.*
0101 **(48506)** Gaines, R.
M 4:00pm-7:00pm (SKN 2127)

SPCH760 Seminar in Political Communication; (3) REG. *Prerequisite: SPCH 601 or permission of instructor.*
0101 **(48516)** Parry-Giles, S.
Tu 5:00pm-8:00pm (SKN 2127)

SPCH798 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPCH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

SPCH888 *(PermReq)* **Doctoral Practicum in Speech Communication; (3-9)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPCH889 *(PermReq)* **Doctoral Tutorial in Speech Communication; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPCH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

STAT Statistics and Probability
(Computer, Mathematical and Physical Sciences)

STAT100 Elementary Statistics and Probability; (3) REG/P-F/AUD. CORE: MS *Prerequisite: permission of Math Department based on satisfactory score on Math placement exam or MATH 110 or MATH 115. Not open to students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100.*
0101 **(48613)** Lopez-Escobar, E.
MWF 12:00pm-12:50pm (MTH 0106)
0102 **(48614)** Green, P.
MWF 12:00pm-12:50pm (MTH 1313)
0103 **(48615)** Auslander, J.
MWF 12:00pm-12:50pm (MTH 0304)
0104 **(48616)** STAFF
MWF 12:00pm-12:50pm (EGR 2154)
0201 **(48617)** STAFF
MWF 2:00pm-2:50pm (MTH 0305)
0202 **(48618)** Choy, M.
MWF 2:00pm-2:50pm (MTH 0105)

STAT400 Applied Probability and Statistics I; (3) REG/P-F/AUD. *Prerequisite: MATH 141. Not acceptable toward graduate degrees in STAT, MAPL, or MATH. Credit will be granted for only one of the following: STAT 400 or ENEE 324.* Section 0501 is designed for engineering students and includes some additional topics in quality control or simulation beyond other STAT 400 material.
0101 **(48629)** Brin, M.
MWF 9:00am-9:50am (MTH 0305)
0201 **(48630)** Kagan, A.
MWF 10:00am-10:50am (MTH B0421)
0301 **(48631)** He, S.
MWF 12:00pm-12:50pm (MTH 0307)
0401 **(48632)** Syski, R.
MWF 2:00pm-2:50pm (MTH 0409)
0501 **(48633)** Lee, T.
TuTh 9:30am-10:45am (MTH 0101)
0601 **(48634)** Millson, J.
TuTh 12:30pm-1:45pm (MTH B0421)
0701 **(48635)** Qin, J.
TuTh 2:00pm-3:15pm (MTH B0421)

STAT410 Introduction to Probability Theory; (3) REG/P-F/AUD. *Prerequisite: MATH 240; and MATH 241. Also offered as SURV 410.*
0101 **(48645)** Kedem, B.
MW 5:00pm-6:15pm (MTH 0306)

STAT411 Introduction to Stochastic Processes; (3) REG/P-F/AUD. *Prerequisite: STAT 400.*
0101 **(48655)** Freidlin, M.
TuTh 12:30pm-1:45pm (MTH 0302)

STAT440 Sampling Theory; (3) REG/P-F/AUD. *Prerequisite: STAT 401 or STAT 420. Also offered as SURV 440.*
0101 **(48665)** Slud, E.
MW 5:00pm-6:15pm (MTH 0307)

STAT464 Introduction to Biostatistics; (3) REG/P-F/AUD. *Prerequisite: one semester of calculus. 56 semester hours. Junior standing.*
0101 **(48675)** Kagan, A.
MWF 1:00pm-1:50pm (MTH 0103)

STAT498A Selected Topics in Statistics; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

STAT498E Selected Topics in Statistics: Actuarial Exam Seminar; (1) REG/P-F/AUD. Prerequisites: MATH 240 and MATH 241.
0101 **(48785)** Slud, E.
M 2:00pm-2:50pm (MTH B0429)

STAT600 Probability Theory I; (3) REG/AUD. *Prerequisite: STAT 410.*
0101 **(48692)** Syski, R.
MWF 10:00am-10:50am (MTH 0401)

STAT698A Selected Topics in Probability; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

STAT700 Mathematical Statistics I; (3) REG/AUD. *Prerequisite: STAT 410 or equivalent.* Offered fall only.
0101 **(48730)** Qin, J.
TuTh 5:00pm-6:15pm (MTH 0304)

STAT740 Analysis of Variance; (3) REG/AUD. *Prerequisite: STAT 700 or STAT 420.*
0101 **(48740)** Smith, P.
MWF 2:00pm-2:50pm (MTH 0107)

STAT770 Analysis of Categorical Data; (3) REG/AUD. *Prerequisite: STAT 420, STAT 450 and some knowledge of FORTRAN.*
0101 **(48750)** Kedem, B.
MWF 11:00am-11:50am (MTH 0107)

STAT798A Selected Topics in Statistics; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

STAT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

STAT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

SURV Survey Methodology
(Behavioral and Social Sciences)

SURV410 Introduction to Probability Theory; (3) REG/P-F/AUD. *Prerequisite: MATH 240; and MATH 241 or permission of department. Credit will be granted for only one of the following: SURV 410 or STAT 410.*
0101 **(48834)** Kedem, B.
MW 5:00pm-6:15pm (MTH 0306)

SURV440 Sampling Theory; (3) REG/P-F/AUD. *Prerequisite: STAT 401 or STAT 420. Not open to students who have completed STAT 440.*
0101 **(48844)** Slud, E.
MW 5:00pm-6:15pm (MTH 0307)

SURV601 Social Statistics I; (3) REG/AUD. *Prerequisite: SOCY 401 or permission of instructor. Not open to students who have completed SOCY 601.*
0101 **(48854)** Neustadtl, A.
Tu 6:30pm-9:10pm (ASY 2309)

SURV615 Statistical Methods I; (3) REG/AUD. *Prerequisite: two course sequence in probability and statistics or equivalent.*
0101 **(48864)** Miller, S.
W 6:30pm-9:10pm (LEF 1220)

SURV620 *(PermReq)* **Survey Practicum I; (3)** REG/AUD. *Prerequisite: degree seeking student in JPSM or permission of instructor.*
0101 **(48874)** Presser, S.
Th 3:30pm-6:10pm (LEF 1208)

SURV623 Data Collection Methods in Survey Research; (3) REG/AUD.
0101 **(48884)** Couper, M.
M 6:30pm-9:10pm (LEF 1208)

SURV630 Questionnaire Design; (3) REG/AUD.
0101 **(48894)** Mathiowetz, N.
W 4:30pm-7:10pm (LEF 1208)

SURV670 Introduction to the Federal Statistical System and the Survey Research Profession I; (1) REG/AUD. *Prerequisite: degree seeking student in JPSM.*
0101 **(48904)** Groves, R.
Th 6:30pm-7:20pm (LEF 1218)

SURV699L Special Topics in Survey Methodology: Economic Measurement: Embedding Economic Concepts into Survey Designs; (3) REG/AUD.
0101 **(48905)** David, M.
Th 6:15pm-8:55pm (LEF 1208)

SURV701 Analysis of Complex Sample Data; (3) REG/AUD. *Prerequisite: SURV 625.*
0101 **(48914)** Raghunathan, T.
Tu 5:30pm-8:15pm (LEF 1208)

SURV722 Randomized/Nonrandomized Design; (3) REG/AUD. *Prerequisite: SURV 625.*
0101 **(48924)** Dayton, C.
W 6:30pm-9:10pm (TYD 2111)

SURV723 Total Survey Error; (3) REG/AUD. *Prerequisite: SURV 625.*
0101 **(48934)** Groves, R.
M 6:30pm-9:10pm (LEF 2208)

SURV770 Survey Design Seminar I; (1) REG/AUD. *Prerequisite: degree seeking student in JPSM. For SURV majors only.*
0101 **(48944)** Groves, R.
Th 4:30pm-6:00pm (LEF 1218)

THET Theatre
(Arts and Humanities)

THET110 Introduction to the Theatre; (3) REG/P-F/AUD. CORE: HA
0101 **(48994)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 10:00am-10:50am (COL 3112) Dis
0102 **(48995)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 11:00am-11:50am (COL 3109) Dis
0103 **(48996)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 12:00pm-12:50pm (TWS 0147) Dis
0104 **(48997)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 1:00pm-1:50pm (TWS 0147) Dis
0105 **(48998)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 2:00pm-2:50pm (TWS 0147) Dis
0106 **(48999)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 3:00pm-3:50pm (TWS 0147) Dis
0107 **(49000)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 10:00am-10:50am (COL 3110) Dis
0108 **(49001)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 10:00am-10:50am (COL 3109) Dis
0109 **(49002)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 10:00am-10:50am (TWS 0138) Dis
0110 **(49003)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 11:00am-11:50am (COL 3111) Dis
0111 **(49004)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 12:00pm-12:50pm (ASY 3211) Dis
0112 **(49005)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 1:00pm-1:50pm (ASY 3211) Dis
0201 **(49006)** STAFF
MW 11:00am-11:50am (JMZ 0220)
W 2:00pm-2:50pm (ASY 3211) Dis
0202 **(49007)** STAFF
MW 11:00am-11:50am (JMZ 0220)
W 3:00pm-3:50pm (COL 3110) Dis
0203 **(49008)** STAFF
MW 11:00am-11:50am (JMZ 0220)
W 3:00pm-3:50pm (COL 3111) Dis
0204 **(49009)** STAFF
MW 11:00am-11:50am (JMZ 0220)
W 1:00pm-1:50pm (ASY 3215) Dis
0205 **(49010)** STAFF
MW 11:00am-11:50am (JMZ 0220)
W 12:00pm-12:50pm (ASY 3215) Dis
0206 **(49011)** STAFF
MW 11:00am-11:50am (JMZ 0220)
W 12:00pm-12:50pm (COL 3109) Dis

THET110+ Introduction to the Theatre; (3) REG/P-F/AUD. CORE: HA Restricted to students in a First Year Focus Cluster or College Park Scholars - Arts.
0104 **(49024)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 1:00pm-1:50pm (TWS 0147) Dis
Restricted to students in a First Year Focus Cluster.
0109 **(49022)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 10:00am-10:50am (TWS 0138) Dis
Restricted to students in a First Year Focus Cluster.
0110 **(49023)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 11:00am-11:50am (COL 3111) Dis
Restricted to students in a First Year Focus Cluster.
0112 **(49021)** Black, C.
MW 9:00am-9:50am (SKN 0200)
W 1:00pm-1:50pm (ASY 3211) Dis
Restricted to College Park Scholars - Arts.

THET111 Making Theatre: Art and Scholarship; (3) REG/P-F/AUD. *Prerequisite: THET 110 or permission of department.*
0101 **(49031)** STAFF
TuTh 9:30am-10:45am (COL 3109)
0102 **(49032)** STAFF
TuTh 11:00am-12:15pm (ARC 1123)

THET120 Acting I; (3) REG/P-F/AUD. *Prerequisite: THET 110 or permission of department.* Students must contact department before registration for appropriate section.
0101 **(49042)** STAFF
TuTh 11:00am-12:50pm (TWS 1228) Lab
0102 **(49043)** STAFF
TuTh 1:00pm-2:50pm (TWS 1228) Lab
0103 **(49044)** STAFF
TuTh 3:00pm-4:50pm (TWS 1228) Lab

THET170 Stagecraft; (3) REG/P-F/AUD.
0101 **(49054)** Kriebs, D.
TuTh 11:00am-11:50am (TWS 0241)
M 2:00pm-5:00pm (TWS 0231) Lab
0102 **(49055)** Kriebs, D.
TuTh 11:00am-11:50am (TWS 0241)
Tu 2:00pm-5:00pm (TWS 0231) Lab
0103 **(49056)** Kriebs, D.
TuTh 11:00am-11:50am (TWS 0241)
W 2:00pm-5:00pm (TWS 0231) Lab
0104 **(49057)** Kriebs, D.
TuTh 11:00am-11:50am (TWS 0241)
Th 2:00pm-5:00pm (TWS 0231) Lab

THET221 *(PermReq)* **Speech For the Stage; (3)** REG/P-F/AUD. *Prerequisites: THET 120 and by audition and permission of department.*
0101 **(49067)** Cabot, A.
MW 1:00pm-2:50pm (TWS 1228)

THET240 African-Americans in Film and Theatre; (3) REG/P-F/AUD.
0101 **(49077)** Coustaut, C.
MW 10:00am-11:50am (TWS 0147)

THET290 American Theatre 1750 to 1890; (3) REG. CORE: HA *Formerly THET 310.*
0101 **(49087)** Anthony, M.
MW 11:00am-11:50am (ASY 3207)
W 12:00pm-12:50pm (TWS 2228) Lab
0102 **(49088)** Anthony, M.
MW 11:00am-11:50am (ASY 3207)
W 1:00pm-1:50pm (TWS 2228) Lab
0104 **(49089)** Anthony, M.
MW 11:00am-11:50am (ASY 3207)
F 11:00am-11:50am (ARC 1123) Lab

THET320 *(PermReq)* **Acting II; (3)** REG/P-F/AUD. *Prerequisites: THET 111; and THET 120; and by audition and permission of department.*
0101 **(49099)** Hebert, M.
TuTh 9:00am-10:50am (TWS 0241)

THET330 *(PermReq)* **Play Directing I; (3)** REG/P-F/AUD. *Prerequisites: THET 111 and THET 120 and THET 170 and permission of department.*
0101 **(49109)** Reese, S.
MW 10:00am-11:50am (TWS 0241)
0201 **(49110)** Petosa, J.
MW 1:00pm-3:00pm (TWS 0241)

THET341 *(PermReq)* **Screenwriting I; (3)** REG/P-F/AUD. *Prerequisite: junior English. Not open to students who have completed THET 417 or RTVF 417.*
0101 **(49119)** Coustaut, C.
MW 1:00pm-2:50pm (TWS 0131)

THET375 Scenic Design I; (3) REG. *Prerequisite: THET 273 or permission of department.*
0101 **(49129)** Conway, D.
MW 10:00am-11:50am (TWS 1208)

THET386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

THET420 *(PermReq)* **Acting III; (3)** REG/P-F/AUD. *Prerequisites: THET 221 and THET 320 and by audition and permission of department.*
0101 **(49153)** Cabot, A.
TuTh 1:00pm-3:00pm (TWS 0241)

THET425 *(PermReq)* **Acting IV, Advanced Scene Study; (3)** REG/P-F/AUD. *Prerequisites: THET 420, and by audition, and permission of department.*
0101 **(49163)** Hebert, M.
MW 10:00am-12:00pm (TWS 1228)

THET429 *(PermReq)* **Actor's Studio; (1-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number.

THET451 *(PermReq)* **Musical Comedy Workshop; (3)** REG/P-F/AUD. *Prerequisites: audition and permission of department.*
0101 **(49180)** Reese, S.
F 10:00am-1:00pm (TWS 0138)

THET460 *(PermReq)* **Theatre Management I; (3)** REG. *Prerequisites: THET 111 or permission of department.*
0101 **(49190)** Patterson, W.
TuTh 9:30am-10:45am (TWS 0147)

THET474 *(PermReq)* **Stage Management; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(49200)** Kriebs, D.
TuTh 9:00am-10:50am (TWS 1208)

THET475 *(PermReq)* **Period Style for the Theatre: Fashion and Decor; (3)** REG/P-F/AUD. *Prerequisites: THET 170 and permission of department.*
0101 **(49210)** Conway, D.
MW 2:00pm-3:50pm (TWS 0138)

THET476 *(PermReq)* **Lighting Design I; (3)** REG/P-F/AUD. *Prerequisite: THET 273 or permission of department.*
0101 **(49220)** Wagner, D.
TuTh 1:00pm-2:50pm (TWS 1208)

THET479 *(PermReq)* **Theater Workshop; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET484 *(PermReq)* **Rendering for the Theatre; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(49236)** Huang, H.
MW 1:00pm-4:00pm (TWS 1208)

THET486 *(PermReq)* **Stage Costume Construction I; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(49246)** STAFF
MW 9:00am-11:50am (TWS 1218) Lab

THET490 *(PermReq)* **History of the Theatre: Classical Antiquity to Mid-Seventeenth Century; (3)** REG/P-F/AUD. *Prerequisites: THET 110 and THET 111 or permission of department.*
0101 **(49256)** Schuler, C.
TuTh 11:00am-1:00pm (TWS 0147)

THET499 *(PermReq)* **Independent Study; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET499W *(PermReq)* **Independent Study: Professional Practices; (3)** REG/P-F/AUD.
0101 **(49281)** Wagner, D.
TBA (TWS 1208)

THET600 Introduction to Graduate Study in Theatre; (3) REG/AUD.
0101 **(49313)** Gillespie, P.
M 4:00pm-6:30pm (TWS 0154)

THET606 Teaching Theatre; (1) REG/AUD.
0101 **(49314)** Schuler, C.
M 3:00pm-3:50pm (TWS 0154)

THET608 Seminar: Theatre Criticism: Contextual; (3) REG/AUD.
0101 **(49323)** Meersman, R.
Th 4:00pm-6:30pm (TWS 0154)

THET669 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET669Q *(PermReq)* **Independent Study: Screen Writing for TV and Film I; (3)** REG/AUD.
0101 **(49348)** Coustaut, C.
MW 1:00pm-2:50pm (TWS 0131)

THET679 Professional Costume Design; (3) REG/AUD.
0101 **(49358)** Huang, H.
Time and room to be arranged

THET698D Seminar: Theatre History: Non-Traditional Theatre; (3) REG/AUD.
0101 **(49368)** Schuler, C.
W 4:00pm-6:30pm (TWS 0154)

THET700 Introduction to Doctoral Studies in Theatre; (3) REG/AUD. *Prerequisite: admission to the Ph.D. program in theatre. Formerly PCOM 700.*
0101 **(49378)** Gillespie, P.
M 4:00pm-6:30pm (TWS 0154)

THET712 Historical Research Methods and Historiography in Theatre; (3) REG/AUD. *Prerequisite: THET 700. Formerly PCOM 712.*
0101 **(49388)** Gillespie, P.
Tu 4:00pm-6:30pm (TWS 2228)

THET788 Master's Tutorial; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET789 *(PermReq)* **Master's Practicum; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

THET888 *(PermReq)* **Doctoral Practicum in Theatre; (3-9)** REG. Individual Instruction course: contact department or instructor to obtain section number.

THET889 *(PermReq)* **Doctoral Tutorial in Theatre; (3-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

THET899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

TOXI Toxicology
(Life Sciences)

TOXI609 *(PermReq)* **Methods in Toxicology; (1-3)** REG/AUD.
0101 **(49507)** Nelson, J.
Time and room to be arranged

TOXI641 Environmental Toxicology; (3) REG/AUD. *Prerequisite: CHEM 243. Also offered as MEES 641. Credit will be granted for only one of the following: TOXI 641 or MEES 641.*
0101 **(49517)** Nelson, J.
TuTh 9:30am-10:45am (PLS 1172)

TOXI799 *(PermReq)* **Masters Thesis Research; (1-6)** REG/S-F.
0101 **(49527)** STAFF
Time and room to be arranged

TOXI899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG/S-F.
0101 **(49537)** STAFF
Time and room to be arranged

UMEI Maryland English Institute
(Arts and Humanities)

UMEI001 *(PermReq)* **English as a Foreign Language: Beginning; (12)** S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(49587)** Kamiheppu, M.
MTuWThF 9:00am-10:00am (COL 3114)
MWF 10:00am-12:00pm (TLF 2110)
TuTh 10:00am-12:00pm (Arranged)
0201 **(49588)** Lipowitz, H.
MWF 1:00pm-3:00pm (TWS 0135)
TuTh 1:00pm-3:00pm (Arranged)

UMEI002 *(PermReq)* **English as a Foreign Language: Intermediate I; (12)** S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(49598)** Poirier, M.
MWF 9:00am-11:00am (TLF 1104)
TuTh 9:00am-11:00am (TLF 1104)
MTuWThF 11:00am-12:00pm (TLF 1104)
MWF 2:00pm-3:00pm (JMZ 2125)
TuTh 2:00pm-3:00pm (JMZ 2102)
0201 **(49599)** Butler, M.
MWF 9:00am-11:00am (EGR 0104)
TuTh 9:00am-11:00am (TLF 1101)
MWF 11:00am-12:00pm (EGR 1110)
TuTh 11:00am-12:00pm (HBK 1116)
MTuWThF 2:00pm-4:00pm (TWS 2228)

UMEI003 *(PermReq)* **English as a Foreign Language: Intermediate II; (12)** S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(49609)** Cavanaugh, A.
MTuWThF 10:00am-12:00pm (CHE 2145)
MW 1:00pm-3:00pm (ARM 0118)
TuTh 1:00pm-3:00pm (ARM 0103)
F 1:00pm-3:00pm (ARM 0118)
0201 **(49610)** Kameras, B.
MWF 10:00am-12:00pm (COL 3114)
MWF 1:00pm-3:00pm (COL 3114)
TuTh 10:00am-12:00pm (ARC 1121)
TuTh 1:00pm-3:00pm (COL 3114)
F 1:00pm-3:00pm (KEY 0103)

UMEI004 *(PermReq)* **English as a Foreign Language: Intermediate III; (12)** S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(49620)** Richard, L.
MWF 9:00am-11:00am (LEF 0135)
MW 1:00pm-3:00pm (TLF 2101)
TuTh 9:00am-11:00am (JMZ 1103)
F 1:00pm-3:00pm (TLF 2101)
0201 **(49621)** Lipowitz, H.
MWF 9:00am-11:00am (JMP 3105)
TuTh 9:00am-11:00am (JMZ 3118)
MWF 1:00pm-3:00pm (DNC 1147A)
TuTh 1:00pm-3:00pm (ARM 0117)
0301 **(49622)** Salus, S.
MWF 9:00am-11:00am (EGR 1110)
TuTh 9:00am-11:00am (JMZ 2102)
MWF 1:00pm-3:00pm (JMZ 2206)
TuTh 1:00pm-3:00pm (PLS 1172)
0401 **(49623)** Gray, H.
MWF 9:00am-10:00am (JMZ 3120)
MTuWThF 10:00am-12:00pm (Arranged)
MWF 1:00pm-3:00pm (COL 3109)
TuTh 1:00pm-3:00pm (Arranged)

UMEI005 Advanced English as a Foreign Language; (6) S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. Section 0301 is restricted to graduate students.
0301 **(49633)** Sahin, L.
MWF 10:00am-12:00pm (EGR 3111)
TuTh 10:00am-12:00pm (PHY 1221)
0401 **(49634)** Salus, S.
MW 1:00pm-3:00pm (JMZ 3118)
TuTh 1:00pm-3:00pm (ARM 0121)
F 1:00pm-3:00pm (KEY 0117)

UMEI007 Advanced Writing for International Students; (3) S-F. *Open to graduate students only. Special fee.*
0101 **(49657)** Butler, M.
TuTh 12:00pm-2:00pm (CHE 2120)

UMEI008A Advanced Oral Communication Skills; (2) S-F.
0101 **(49669)** Kamiheppu, M.
TuTh 1:00pm-3:00pm (TLF 2110)

UNIV World Courses
(Undergraduate Studies)

UNIV101 The Student in the University and Introduction to Computer Resources; (2) REG/P-F/AUD.
0001 **(49671)** Hahn, T.
M 1:00pm-3:00pm (HBK 0115)
Section 0001 is restricted to Letters and Sciences students.
0002 **(49672)** Infantino, R.
Tu 10:00am-12:00pm (PLS 1184)
Section 0002 is restricted to Life Sciences majors.
0003 **(49673)** Adams-Gaston, J.
W 2:00pm-4:00pm (HBK 0115)
Section 0003 is restricted to Letters and Sciences students.
0004 **(49674)** Strumpf, G.
Th 10:00am-12:00pm (EGR 3102)
Section 0004 is restricted to Life Sciences majors.
0005 **(49675)** Kvach, K.
W 1:00pm-3:00pm (TWS 2212)

UNIV118A World Course: The Creative Drive: Creativity in Music, Architecture, and Science; (3) REG/P-F/AUD. CORE: HA
0101 **(49720)** Gulick, D.
MW 10:00am-10:50am (EGR 1202)
Th 9:30am-10:45am (PLS 1117) Dis
0102 **(49721)** Gulick, D.
MW 10:00am-10:50am (EGR 1202)
Th 11:00am-12:15pm (PLS 1117) Dis
0103 **(49722)** Gulick, D.
MW 10:00am-10:50am (EGR 1202)
Th 12:30pm-1:45pm (CHM 0124) Dis
0104 **(49723)** Gulick, D.
MW 10:00am-10:50am (EGR 1202)
Th 2:00pm-3:15pm (CHM 0124) Dis
0105 **(49724)** Gulick, D.
MW 10:00am-10:50am (EGR 1202)
F 10:00am-11:15am (ARC 1101) Dis
0106 **(49725)** Gulick, D.
MW 10:00am-10:50am (EGR 1202)
F 11:30am-12:45pm (ARC 1101) Dis

URSP Urban Studies and Planning
(Architecture)

URSP100 Challenge of the Cities; (3) REG/P-F/AUD. CORE: SB *Formerly URBS 100.*
0101 **(49776)** Levin, M.
TuTh 12:30pm-1:45pm (TYD 2111)
0201 **(49777)** Hanna, W.
MW 1:00pm-2:15pm (SHM 2102)

URSP100+ Challenge of the Cities; (3) REG/P-F/AUD. CORE: SB *Formerly URBS 100.* Restricted to students in a First Year Focus Cluster.
0101 **(49778)** Levin, M.
TuTh 12:30pm-1:45pm (TYD 2111)

URSP372 Diversity and the City; (3) REG/P-F/AUD. DIVERSITY
0101 **(49797)** Cohen, J.
TuTh 1:00pm-2:30pm (LEF 1201)

URSP3991 *(PermReq)* **Independent Study; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

URSP410 *(PermReq)* **The Development of the American City; (3)** REG/P-F/AUD. *Prerequisite: permission of department. Formerly URBS 410.*
0101 **(49816)** Levin, M.
TuTh 4:00pm-5:30pm (ARC 1121)

URSP600 Research Design and Application; (3) REG. *Formerly URSP 602.*
0101 **(49856)** Chen, A.
Th 4:00pm-6:30pm (ARC 1103)

URSP603 Land Use Planning: Concepts and Techniques; (3) REG/AUD. *Credit will be granted for only one of the following: URSP 603, URBS 680 or URBS 603. Formerly URBS 603.*
0101 **(49866)** Levin, M.
W 4:00pm-6:30pm (LEF 1220)

URSP605 Planning History and Theory; (3) REG/AUD.
0101 **(49876)** Cohen, J.
Tu 4:00pm-6:30pm (ARC 1103)

URSP606 Urban Economics and Public Policy; (3) REG. *Not open to students who have completed URSP 630 or URBS 630. Credit will be granted for only one of the following: URSP 606, URBS 606, or URBS 630. Formerly URBS 606.*
0101 **(49886)** Ross, J.
Tu 7:00pm-9:30pm (ARC 1103)

URSP607 Human Behavior and the Physical Environments; (3) REG/AUD. *Recommended: URSP 603. Formerly URBS 607.*
0101 **(49896)** Brower, S.
W 4:00pm-6:30pm (LEF 1222)

URSP623 Housing Finance and Costs; (3) REG.
0101 **(49906)** STAFF
Th 7:00pm-9:30pm (ARC 1103)

URSP662 Urban and Regional Planning in Developing Countries; (3) REG/AUD. *Credit will be granted for only one of the following: URSP 662, URBS 460, or URBS 662. Formerly URBS 662.*
0101 **(49916)** Hanna, B.
M 7:00pm-9:30pm (CAR 0107)

URSP688E Recent Developments in Urban Studies: Environmental Resources; (3) REG/AUD. Also offered as LARC 450. Friday afternoon field trips on the following dates: 9/25, 10/16, 11/6, and 12/4 (Three required).
0101 **(49926)** Hilsenrath, E.
F 9:00am-11:50am (PLS 0104)

URSP688T Recent Developments in Urban Studies: Transportation Planning; (3) REG/AUD.
0101 **(49936)** Hummel, J.
W 7:00pm-9:30pm (ARC 1121)

URSP704 *(PermReq)* **Community Planning Studio; (6)** REG/AUD. *Prerequisites: URSP 600, URSP 601, URSP 604, URSP 605, and permission of the Program. Formerly URBS 704.*
0101 **(49956)** Baum, H.
TuTh 9:00am-4:00pm (Arranged)

URSP788 *(PermReq)* **Independent Study in Urban Studies and Planning; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

URSP798 *(PermReq)* **Readings in Urban Studies and Planning; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

URSP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

WMST Women's Studies
(Arts and Humanities)

WMST200 Introduction to Women's Studies: Women and Society; (3) REG/P-F/AUD. CORE: SB DIVERSITY WMST 200 (or WMST 250) is a prerequisite for WMST 400. A third hour for discussion will be arranged for section 0101.
0101 **(50036)** Moses, C.
TuTh 11:00am-11:50am (WDS 0104)
Time and room to be arranged Dis
0201 **(50037)** Goldberg, J.
MWF 11:00am-11:50am (WDS 1114)

WMST200+ Introduction to Women's Studies: Women and Society; (3) REG/P-F/AUD. CORE: SB DIVERSITY Restricted to students in a First Year Focus Cluster.
0101 **(50038)** Moses, C.
TuTh 11:00am-11:50am (WDS 0104)
Time and room to be arranged Dis

WMST210 Women in America to 1880; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 210. Credit will be granted for only one of the following: WMST 210 or HIST 210.*
0101 **(50047)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
M 9:00am-9:50am (KEY 0116) Dis
0102 **(50048)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
M 2:00pm-2:50pm (KEY 0120) Dis
0103 **(50049)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
W 9:00am-9:50am (KEY 0121) Dis
0104 **(50050)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
F 9:00am-9:50am (KEY 0117) Dis
0105 **(50051)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
F 10:00am-10:50am (SKN 1115) Dis
0106 **(50052)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
F 12:00pm-12:50pm (KEY 0125) Dis
0107 **(50053)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
F 1:00pm-1:50pm (KEY 0116) Dis
0108 **(50054)** Lyons, C.
MW 10:00am-10:50am (JMZ 0220)
F 2:00pm-2:50pm (KEY 0123) Dis

WMST211 Women in America Since 1880; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 211. Credit will be granted for only one of the following: WMST 211 or HIST 211.*
0101 **(50064)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
M 10:00am-10:50am (SQH 1123) Dis
0102 **(50065)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
M 2:00pm-2:50pm (WDS 0104) Dis
0103 **(50066)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Tu 11:00am-11:50am (JMZ 1117) Dis
0104 **(50067)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Tu 12:00pm-12:50pm (JMZ 1117) Dis
0105 **(50068)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Th 1:00pm-1:50pm (JMZ 2117) Dis
0106 **(50069)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
Th 2:00pm-2:50pm (JMZ 0208) Dis
0107 **(50070)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
F 11:00am-11:50am (TYD 0111) Dis
0108 **(50071)** Gullickson, G.
TuTh 10:00am-10:50am (KEY 0106)
F 2:00pm-2:50pm (TYD 1128) Dis

WMST250 Introduction to Women's Studies: Women, Art and Culture; (3) REG/P-F/AUD. CORE: HA DIVERSITY WMST 250 (or WMST 200) is a prerequisite for WMST 400.
0101 **(50081)** King, K.
TuTh 11:00am-11:50am (WDS 1131)
Time and room to be arranged Dis
0201 **(50082)** Kelley, H.
TuTh 12:30pm-1:45pm (WDS 1127)
0301 **(50083)** Kelley, H.
TuTh 3:00pm-4:15pm (WDS 1127)
0401 **(50084)** Wilkerson, M.
MWF 9:00am-9:50am (WDS 1130)
0501 **(50085)** Spoor, S.
MWF 10:00am-10:50am (WDS 1130)
0601 **(50086)** Delrosso-Freeman, J.
MWF 12:00pm-12:50pm (WDS 1114)
0701 **(50087)** Spoor, S.
MWF 1:00pm-1:50pm (WDS 0104)

WMST255 Introduction to Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as ENGL 250. Credit will be granted for only one of the following: WMST 255 or ENGL 250.*
0101 **(50097)** Benvenuto, A.
TuTh 9:30am-10:45am (SQH 1103)
0201 **(20434)** Sevick, L.
TuTh 12:30pm-1:45pm (SQH 1117)
0301 **(50098)** Parikh, C.
MWF 11:00am-11:50am (DNC 1139B)
0401 **(50099)** Benvenuto, A.
TuTh 11:00am-12:15pm (ARM 0105)
0501 **(50100)** Breakstone, C.
TuTh 12:30pm-1:45pm (SQH 1119)
0601 **(50101)** Breakstone, C.
TuTh 2:00pm-3:15pm (CHM 0115)
0701 **(50102)** Walsh, A.
MWF 10:00am-10:50am (HBK 1112)

WMST275 World Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as CMLT 275. Credit will be granted for only one of the following: WMST 275 or CMLT 275.*
0101 **(50113)** Wallace, B.
MW 9:30am-10:45am (ARC 1101)
0201 **(50114)** Wallace, B.
MW 2:00pm-3:15pm (SQH 2121)
0301 **(50115)** Shah, M.
TuTh 11:00am-12:15pm (WDS 1127)
0401 **(50116)** Shah, M.
TuTh 3:30pm-4:45pm (WDS 1131)

WMST300 *(PermReq)* **Feminist Reconceptualizations of Knowledge; (3)** REG/P-F/AUD. *Prerequisite: permission of department. For WMST majors only.*
0101 **(50126)** Beck, E.
W 3:30pm-6:00pm (WDS 1130)

WMST325 The Sociology of Gender; (3) REG/AUD. DIVERSITY *Prerequisite: 3 credits of sociology. Also offered as SOCY 325. Credit will be granted for only one of the following: WMST 325 or SOCY 325.*
0101 **(50136)** Forsythe, A.
TuTh 12:30pm-1:45pm (ASY 3203)
0201 **(50137)** Moore, L.
MWF 10:00am-10:50am (ASY 1213)
0301 **(50138)** Moore, L.
MWF 12:00pm-12:50pm (ASY 1213)

WMST326 Biology of Reproduction; (3) REG/P-F/AUD. *Prerequisite: BIOL 105 or permission of department. Also offered as ZOOL 326. Credit will be granted for only one of the following: WMST 326 or ZOOL 326.*
0101 **(50148)** STAFF
MW 2:00pm-3:15pm (ZOP 1250)

WMST336 Psychology of Women; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Also offered as PSYC 336. Credit will be granted for only one of the following: WMST 336 or PSYC 336.*
0101 **(50158)** Kretz, L.
TuTh 2:00pm-3:15pm (ZOP 1250)

WMST348B Literary Works by Women: Immigrant Women's Experiences; (3) REG/P-F/AUD. DIVERSITY Also offered as ENGL 348B. Credit will be granted for only one of the following: WMST 348B or ENGL 348B.
0101 **(50168)** Ryan, L.
TuTh 9:30am-10:45am (SQH 1107)

WMST350 *(PermReq)* **Feminist Pedagogy; (6)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(50178)** King, K.
Time and room to be arranged
0201 **(50179)** Moses, C.
Time and room to be arranged

WMST400 Theories of Feminism; (3) REG/P-F/AUD. *Prerequisite: one course in WMST or a course crosslisted with a WMST course.*
0201 **(50190)** Kim, S.
TuTh 11:00am-12:15pm (JMP 3104)

WMST408 Literature by Women Before 1800; (3) REG/P-F/AUD. Prerequisite: two English courses in literature or permission of department. Also offered as ENGL 408. Credit will be granted for only one of the following: WMST 408 or ENGL 408.
0101 **(50200)** McDowell, P.
TuTh 2:00pm-3:15pm (SQH 1107)

WMST410 Women of the African Diaspora; (3) REG/P-F/AUD.
0101 **(50210)** Bolles, A.
M 2:00pm-4:30pm (WDS 1114)

WMST420 Asian American Women: The Social Construction of Gender; (3) REG/P-F/AUD.
0101 **(50220)** Kim, S.
TuTh 2:00pm-3:15pm (WDS 1130)

WMST471 Women's Health; (3) REG/AUD. DIVERSITY *Also offered as HLTH 471. Credit will be granted for only one of the following: WMST 471 or HLTH 471.*
0101 **(50230)** Reynolds, M.
TuTh 12:30pm-1:45pm (HHP 1312)
0201 **(50231)** Miller, L.
W 4:00pm-6:45pm (HHP 1302)

WMST488C Senior Seminar: Women in the Civil Rights Movement; (3) REG/P-F/AUD.
0101 **(50241)** Barkley Brown, E.
W 4:00pm-6:30pm (WDS 2101R)

WMST488D Senior Seminar: Women, Race, and Poverty; (3) REG/P-F/AUD.
0101 **(50251)** Dill, B.
Tu 3:30pm-6:00pm (WDS 2101R)

WMST493 Jewish Women in International Perspective; (3) REG/P-F/AUD. *Prerequisite: one course in Women's Studies, preferably WMST 200 or WMST 250. Also offered as JWST 493. Credit will be granted for only one of the following: WMST 493 or JWST 492 or JWST 493.* Course includes lecture, discussion and film lab.
0101 **(50261)** Beck, E.
M 3:00pm-6:30pm (PLS 1115)

WMST498A Advanced Special Topics in Women's Studies: Virginia Woolf in Comparative Context; (3) REG/P-F/AUD.
0101 **(50271)** Fucgi, J.
Tu 1:00pm-4:00pm (JMZ 1117)

WMST498B Advanced Special Topics in Women's Studies: Black Women in United States History; (3) REG/P-F/AUD. Prerequisite: AASP 100 or AASP 202.
0101 **(50281)** STAFF
W 2:00pm-4:30pm (TYD 0101)

WMST498E Advanced Special Topics in Women's Studies: Women in Politics - Do They Make a Difference?; (3) REG. Also offered as BSOS 359G. Credit will be granted for only one of the following: WMST 498E or BSOS 359G.
0101 **(50311)** Whitmire, K.
Tu 6:00pm-8:40pm (TLF 1101)

WMST498I Advanced Special Topics in Women's Studies: Communication and Gender; (3) REG/P-F/AUD. DIVERSITY
0101 **(50321)** STAFF
TuTh 9:30am-10:45am (SKN 1112)
0201 **(50322)** STAFF
TuTh 11:00am-12:15pm (SKN 1112)

WMST499 *(PermReq)* **Independent Study; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

WMST601 Advanced Feminist Theory; (3) REG/AUD. *Prerequisite: WMST 400 or permission of department.*
0101 **(50341)** King, K.
Th 3:00pm-5:30pm (WDS 2101R)

WMST699 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL Zoology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment,to determine whether animals are to be used in the course, whether class excercises involving animals are optional or required and what alternatives, if any, are available.

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The Zoology Department enforces course prerequisites. Students who do not meet the course prerequisites will be administratively dropped from the course.

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ZOOL201 Human Anatomy and Physiology I; (4) REG/P-F. CORE: LL *Prerequisite: BIOL 105 or equivalent.* Not acceptable for credit in any Biological Sciences major. Professor in charge: J. Opoku-Edusei. Students must pay a $40.00 Laboratory Materials fee.
0101 **(50408)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 10:00am-1:00pm (ZOP 0205) Lab
0102 **(50409)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 1:00pm-4:00pm (ZOP 0205) Lab
0103 **(50410)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 4:00pm-7:00pm (ZOP 0205) Lab
0104 **(50411)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Tu 8:00am-11:00am (ZOP 0205) Lab
0105 **(50412)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Tu 2:00pm-5:00pm (ZOP 0205) Lab
0106 **(50413)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
W 10:00am-1:00pm (ZOP 0205) Lab
0107 **(50414)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
W 1:00pm-4:00pm (ZOP 0205) Lab
0108 **(50415)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
W 4:00pm-7:00pm (ZOP 0205) Lab
0109 **(50416)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Th 8:00am-11:00am (ZOP 0205) Lab
0110 **(50417)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Th 11:00am-2:00pm (ZOP 0205) Lab
0111 **(50418)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Th 2:00pm-5:00pm (ZOP 0205) Lab
0112 **(50419)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
F 10:00am-1:00pm (ZOP 0205) Lab
0113 **(50420)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
F 1:00pm-4:00pm (ZOP 0205) Lab
0114 **(50421)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 7:00pm-10:00pm (ZOP 0205) Lab
0115 **(50422)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Tu 11:00am-2:00pm (ZOP 0205) Lab

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8101 **(*****)** Kapp, J.
TuTh 6:00pm-7:15pm (ZOP 1243)
Tu 7:30pm-10:30pm (ZOP 0205) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccaluareate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

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ZOOL210 Animal Diversity; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BIOL 106.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(50434)** Hakenkamp, C.
TuTh 9:30am-10:45am (PLS 1140)
M 11:00am-2:00pm (ZOP 0257) Lab
0102 **(50435)** Hakenkamp, C.
TuTh 9:30am-10:45am (PLS 1140)
M 2:00pm-5:00pm (ZOP 0257) Lab
0103 **(50436)** Hakenkamp, C.
TuTh 9:30am-10:45am (PLS 1140)
Tu 11:00am-2:00pm (ZOP 0257) Lab
0104 **(50437)** Hakenkamp, C.
TuTh 9:30am-10:45am (PLS 1140)
Tu 2:00pm-5:00pm (ZOP 0257) Lab

ZOOL211 Cell Biology and Physiology; (4) REG/P-F/AUD. *Prerequisites: BIOL 105; and CHEM 103.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(50447)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
M 8:30am-11:30am (ZOP 0207) Lab
0102 **(50448)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
M 2:00pm-5:00pm (ZOP 0207) Lab
0103 **(50449)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
M 6:00pm-9:00pm (ZOP 0207) Lab
0104 **(50450)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Tu 8:30am-11:30am (ZOP 0207) Lab
0105 **(50451)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Tu 2:00pm-5:00pm (ZOP 0207) Lab
0106 **(50452)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Tu 6:00pm-9:00pm (ZOP 0207) Lab
0107 **(50453)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
W 8:30am-11:30am (ZOP 0207) Lab
0108 **(50454)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
W 2:00pm-5:00pm (ZOP 0207) Lab
0109 **(50455)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
W 6:00pm-9:00pm (ZOP 0207) Lab
0110 **(50456)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Th 8:30am-11:30am (ZOP 0207) Lab
0111 **(50457)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Th 2:00pm-5:00pm (ZOP 0207) Lab
0112 **(50458)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
F 8:30am-11:30am (ZOP 0207) Lab
0113 **(50459)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
F 2:00pm-5:00pm (ZOP 0207) Lab

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8101 **(*****)** Read-Connole, E.
TuTh 6:00pm-7:15pm (ZOP 1250)
Tu 7:30pm-10:30pm (ZOP 0213) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccaluareate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

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ZOOL211M *(PermReq)* **Cell Biology and Physiology; (4)** REG/P-F/AUD. *Prerequisites: BIOL 105; and CHEM 103.* Permission of department required. Credit will be granted for only one of the following: ZOOL 211 or ZOOL 211M. A student is eligible to take this course only if the lab score received in ZOOL 211, the last time it was taken totalled at least 80% of the maximum possible total. These scores will count for part of the grade for ZOOL 211M.
0101 **(50471)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)

ZOOL299 *(PermReq)* **Supplemental Study in Zoology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL308H Honors Seminar; (1) REG/P-F/AUD. Zoology department honors students only.
0101 **(50519)** Dudash, M.
Tu 3:30pm-4:30pm (HJP 1229)

ZOOL309H *(PermReq)* **Honors Independent Study; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in zoology departmental honors program.

ZOOL318H *(PermReq)* **Honors Research; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in zoology departmental honors program.

ZOOL319 *(PermReq)* **Special Problems in Zoology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, permission of instructor and department.

ZOOL326 Biology of Reproduction; (3) REG/P-F/AUD. *Prerequisite: BIOL 105 or permission of department. Also offered as WMST 326. Credit will be granted for only one of the following: ZOOL 326 or WMST 326.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN (non-lab), and GENB.
0101 **(50633)** STAFF
MW 2:00pm-3:15pm (ZOP 1250)

ZOOL328L Selected Topics in Zoology: Developmental Biology Laboratory; (1) REG. Students will be required to spend additional time in the laboratory on Friday of each week for follow up to course experiments. Pre-or co-requisite: ZOOL 430. Applies to Biological Sciences Specialization areas: PHNB (ancillary), ZOOL, CMBG, BGEN and GENB (category A). Students must pay a $40.00 Laboratory Materials fee.
0102 **(50644)** Rivas, R.
Th 1:00pm-5:00pm (PLS 1171) Lab

ZOOL328W Selected Topics in Zoology: Extinct Animals Lab; (2) REG/P-F/AUD. Pre- or co-requisite: ZOOL 396. Applies to Biological Sciences Specialization Areas: ZOOL, EEBB, BEES, MARB, BGEN, and GENB. Students must pay a $40.00 Laboratory Materials fee.
0101 **(50654)** Kent, B.
W 2:00pm-5:00pm (ZOP 0257) Lab
W 10:00am-10:50am (PLS 1117) Dis
0102 **(50655)** Kent, B.
Th 2:00pm-5:00pm (ZOP 0257) Lab
W 10:00am-10:50am (PLS 1117) Dis

ZOOL328Z *(PermReq)* **Selected Topics in Zoology: Field Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the BIOL major requirements.

ZOOL329 *(PermReq)* **Instructional Assistance Practicum; (1-2)** REG. Permission of department only. Credit cannot be applied to the requirements of any Biological Sciences Major.
5107 **(50701)** Compton, R.
Time and room to be arranged

ZOOL360 Principles of Animal Behavior; (3) REG/P-F/AUD. *Prerequisites: BIOL 105 and BIOL 106 and BIOL 222.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, EEBB, MARB, BGEN, BEES, and GENB.
0101 **(50711)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
F 9:00am-9:50am (PLS 1168) Dis
0102 **(50712)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
F 10:00am-10:50am (PLS 1168) Dis
0103 **(50713)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
F 11:00am-11:50am (PLS 1168) Dis
0104 **(50714)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
F 11:00am-11:50am (PLS 1172) Dis

ZOOL381 Natural History of the Chesapeake Bay; (3) REG/P-F/AUD. *Prerequisite: a course in biological sciences or permission of department.* Now acceptable for credit for Biological Sciences majors. Acceptable toward Biological Sciences specialization areas: ZOOL, EEBB, MARB, BGEN (non-lab), BEES and GENB.
0101 **(50724)** Small, E.
MWF 12:00pm-12:50pm (ZOP 1250)

ZOOL382 Chesapeake Bay Laboratory; (2) REG/P-F/AUD. *One hour of lecture, two hours of laboratory, and eight hours of fieldwork per week. Pre- or corequisite: ZOOL 381. Junior standing.* Acceptable toward Biological Science specialization areas: ZOOL, EEBB, MARB, BGEN, BEES, and GENB. Saturday field trips to be arranged. Students must provide their own transportation. Students must pay a $40.00 Laboratory Materials fee.
0101 **(50734)** Small, E.
TuTh 1:00pm-4:00pm (ZOP 0283) Lab

ZOOL396 Biology of Extinct Animals; (3) REG/P-F/AUD. *Prerequisites: BIOL 106 and ZOOL 210.* Applies to Biological Sciences Specialization areas: ZOOL, EEBB, BEES, MARB, BGEN and GENB.
0101 **(50744)** Kent, B.
MWF 8:00am-8:50am (PLS 1140)

ZOOL410 Cell Biology Lectures; (3) REG/P-F/AUD. *Prerequisites: ZOOL 211 and BIOL 222 and CHEM 233. Credit will be granted for only one of the following: ZOOL 410, ZOOL 411 or PBIO 400.* Acceptable toward Biological Sciences specialization areas: PHNB, CMBG, BGEN, and GENB.
0101 **(50754)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)

ZOOL411 Cell Biology; (4) REG/P-F. *Prerequisites: ZOOL 211 and BIOL 222 and CHEM 233. Also offered as PBIO 400. Credit will be granted for only one of the following: ZOOL 410, ZOOL 411 or PBIO 400.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, CMBG, BGEN (lab), and GENB. Students must pay a $40.00 Laboratory Materials fee.
0101 **(50764)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
M 1:00pm-5:00pm (PLS 1171) Lab
0102 **(50765)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
Tu 1:00pm-5:00pm (PLS 1171) Lab
0103 **(50766)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
W 1:00pm-5:00pm (PLS 1171) Lab

ZOOL420 Neurophysiology Lectures; (3) REG/P-F/AUD. *Prerequisites: ZOOL 211 and CHEM 233 and PHYS 122. Credit will be granted for only one of the following: ZOOL 420 or ZOOL 421.* Acceptable toward Biological Sciences specialization area: PHNB, ZOOL, BGEN, (non-lab), and GENB.
0101 **(50777)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)

ZOOL421 Neurophysiology; (4) REG/P-F/AUD. *Prerequisites: ZOOL 211; and CHEM 233; and PHYS 122. Credit will be granted for only one of the following: ZOOL 420 or ZOOL 421.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN, and GENB. Students must pay a $40.00 Laboratory Materials fee.
0101 **(50787)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)
M 2:00pm-5:00pm (ZOP 2223) Lab
0102 **(50788)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)
Tu 2:00pm-5:00pm (ZOP 2223) Lab
0103 **(50789)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)
W 2:00pm-5:00pm (ZOP 2223) Lab
0104 **(50790)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)
Th 2:00pm-5:00pm (ZOP 2223) Lab

ZOOL422 Mammalian Physiology; (4) REG/P-F/AUD. *Prerequisites: ZOOL 211 and CHEM 233 or permission of department.* Applies to Biological Sciences Specialization Areas: PHNB, ZOOL, MARB, BGEN, and GENG. ZOOL 422 is a lecture/discussion format course. The laboratory is offered separately as ZOOL 423.
2201 **(50800)** Sukharev, S.
MWF 10:00am-10:50am (ZOP 1250)
M 11:00am-1:00pm (PLS 1121) Dis
2202 **(50801)** Sukharev, S.
MWF 10:00am-10:50am (ZOP 1250)
Tu 11:00am-1:00pm (PLS 1146) Dis
2203 **(50802)** Sukharev, S.
MWF 10:00am-10:50am (ZOP 1250)
Tu 1:00pm-3:00pm (PLS 1158) Dis
2204 **(50803)** Sukharev, S.
MWF 10:00am-10:50am (ZOP 1250)
W 11:00am-1:00pm (PLS 1168) Dis
2205 **(50804)** Sukharev, S.
MWF 10:00am-10:50am (ZOP 1250)
Th 11:00am-1:00pm (PLS 1146) Dis
2206 **(50805)** Sukharev, S.
MWF 10:00am-10:50am (ZOP 1250)
F 11:00am-1:00pm (PLS 1176) Dis

ZOOL423 Mammalian Physiology Lab; (2) REG/P-F. *Corequisite: ZOOL 422.* Applies to Biological Sciences Specialization Areas: PHNB, ZOOL, BGEN, and GENB. ZOOL 422 is a lecture/discussion format course. The laboratory is offered separately as ZOOL 423. Students must pay a $40.00 Laboratory Materials fee.
2301 **(50815)** Sukharev, S.
M 1:00pm-5:00pm (PLS 1181) Lab
2302 **(50816)** Sukharev, S.
Tu 1:00pm-5:00pm (PLS 1181) Lab
2303 **(50817)** Sukharev, S.
W 1:00pm-5:00pm (PLS 1181) Lab
2304 **(50818)** Sukharev, S.
Th 1:00pm-5:00pm (PLS 1181) Lab

ZOOL430 Developmental Biology; (3) REG/P-F/AUD. *Prerequisites: ZOOL 211 and BIOL 222.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN, GENB and CMBG.
0101 **(50828)** Rivas, R.
TuTh 11:00am-12:15pm (PLS 1130)

ZOOL440 Evolution; (3) REG/P-F/AUD. *Prerequisite: BIOL 106.* Acceptable toward Biological Sciences specialization areas: ZOOL, EEBB, MARB, BGEN, BEES, and GENB.
0101 **(50838)** Chao, L.
TuTh 9:30am-10:45am (ZOP 1236)

ZOOL446 Molecular Genetics; (3) REG/P-F/AUD. *Prerequisites: a course in genetics (e.g. BIOL 222) and CHEM 233.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN, GENB and CMBG.
0101 **(50848)** Imberski, R.
TuTh 11:00am-12:15pm (ZOP 1250)

ZOOL452 Recombinant DNA; (3) REG/P-F/AUD. *Prerequisites: (ZOOL 211 or MICB 200) and BIOL 222.* Acceptable toward Biological Sciences areas: PHNB, CMBG, ZOOL, MICB, BGEN, and GENB.
0101 **(50858)** Tanda, S.
TuTh 9:30am-10:45am (MCB 1207)

ZOOL470 Advanced Population Ecology; (3) REG/P-F/AUD. *Prerequisites: BIOL 106 and MATH 220.* Acceptable toward Biological Sciences specialization areas: ZOOL (EEBB area), EEBB, MARB, BGEN, BEES, and GENB.
0101 **(50868)** Gill, D.
MWF 9:00am-9:50am (ZOP 1243)

ZOOL471 Laboratory and Field Ecology; (2) REG/P-F/AUD. *Pre- or corequisites: ZOOL 470 and a course in statistics.* Acceptable toward Biological Sciences specialization areas: ZOOL, MARB, EEBB, BGEN, BEES, and GENB. Students must pay a $40.00 Laboratory Materials fee.
0101 **(50878)** Gill, D.
F 1:00pm-5:00pm (ZOP 0275) Lab

ZOOL473 Marine Ecology; (3) REG/P-F/AUD. *Prerequisite: ZOOL 210.* Acceptable toward Biological Sciences specialization areas: MARB, ZOOL, BEES, EEBB, GENB, and BGEN.
0101 **(50888)** Reaka-Kudla, M.
TuTh 11:00am-12:15pm (ZOP 1236)

ZOOL608E Zoology Seminar: Topics in Behavior, Evolution and Systematics; (1) REG/AUD.
0101 **(50898)** Via, S.
M 12:00pm-12:50pm (ZOP 1208)

ZOOL608Q Zoology Seminar; (1-2) REG/AUD.
0101 **(50908)** Small, E.
Time and room to be arranged

ZOOL608R *(PermReq)* **Zoology Seminar: Small Populations Seminar: Community Complexity and Assembly Dynamics; (2)** REG.
0101 **(50918)** Palmer, M.
M 1:30pm-3:30pm (ZOP 1236)

ZOOL609 Special Problems in Zoology; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL621 Comparative Physiology; (4) REG/AUD. *Prerequisites: one year of zoology and one year of organic chemistry, and one semester of physiology.*
0101 **(51114)** Pierce, S.
MW 9:00am-9:50am (ZOP 2283)
MW 1:00pm-4:00pm (ZOP 0263) Lab

ZOOL622 Membrane Transport Phenomena; (3) REG/AUD. *Prerequisites: MATH 220 and (ZOOL 211 or ZOOL 411) or permission of instructor.*
0101 **(50958)** Colombini, M.
TuTh 5:00pm-6:15pm (ZOP 1230)

ZOOL652 Recombinant DNA; (3) REG/AUD. *Prerequisites: (ZOOL 211 and BIOL 222) or permission of instructor.*
0101 **(50968)** Tanda, S.
TuTh 9:30am-10:45am (MCB 1207)

ZOOL701 Teaching Zoology; (1) S-F. *For LFSC graduate students only.*
0101 **(50978)** Dietz, J.
Time and room to be arranged

ZOOL708A Advanced Topics in Zoology: Cell Biology Lecture; (3) REG/AUD.
0101 **(50988)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
F 10:00am-10:50am (PLS 1176) Dis

ZOOL708B *(PermReq)* **Advanced Topics in Zoology: Principles of Animal Behavior; (3)** REG/AUD. Prerequisite: permission of instructor.
0101 **(50998)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
Time and room to be arranged Dis

ZOOL708L Advanced Topics in Zoology: Neurophysiology Lecture; (3) REG/AUD. Prerequisites: PHYS 122, CHEM 233, and ZOOL 211.
0101 **(51008)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)

ZOOL708P Advanced Topics in Zoology: Marine and Estuarine Protozoa; (4) REG/AUD.
0101 **(51018)** Small, E.
TBA (ZOP 0283) Lab

ZOOL708R Advanced Topics in Zoology: Ecosystem Ecology; (3) REG/AUD. Course will be taught on the Interactive Video Network.
0101 **(51028)** Costanza, R.
TuTh 1:30pm-3:00pm (SKN 0101)

ZOOL708U Advanced Topics in Zoology: Dynamic Modeling of Ecological and Economic Systems; (3) REG/AUD. Prerequisite: Calculus and a course in ecology and/or economics. Course will be taught on the Interactive Video Network.
0101 **(51038)** Costanza, R.
F 2:00pm-5:00pm (SKN 0101)

ZOOL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

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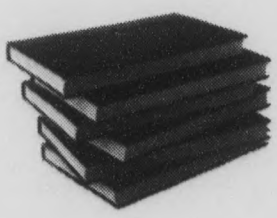

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WMST498A Advanced Special Topics in Women's Studies: Virginia Woolf in Comparative Context; (3) REG/P-F/AUD.
0101 **(50271)** Fuegi, J.
Tu 1:00pm-4:00pm (JMZ 1117)

WMST498B Advanced Special Topics in Women's Studies: Black Women in United States History; (3) REG/P-F/AUD. Prerequisite: AASP 100 or AASP 202.
0101 **(50281)** STAFF
W 2:00pm-4:30pm (TYD 0101)

WMST498E Advanced Special Topics in Women's Studies: Women in Politics - Do They Make a Difference?; (3) REG. Also offered as BSOS 359G. Credit will be granted for only one of the following: WMST 498E or BSOS 359G.
0101 **(50311)** Whitmire, K.
Tu 6:00pm-8:40pm (TLF 1101)

WMST498I Advanced Special Topics in Women's Studies: Communication and Gender; (3) REG/P-F/AUD. DIVERSITY
0101 **(50321)** STAFF
TuTh 9:30am-10:45am (SKN 1112)
0201 **(50322)** STAFF
TuTh 11:00am-12:15pm (SKN 1112)

WMST499 *(PermReq)* **Independent Study; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

WMST601 Advanced Feminist Theory; (3) REG/AUD. *Prerequisite: WMST 400 or permission of department.*
0101 **(50341)** King, K.
Th 3:00pm-5:30pm (WDS 2101R)

WMST699 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL Zoology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment,to determine whether animals are to be used in the course, whether class excercises involving animals are optional or required and what alternatives, if any, are available.

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The Zoology Department enforces course prerequisites. Students who do not meet the course prerequisites will be administratively dropped from the course.

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ZOOL201 Human Anatomy and Physiology I; (4) REG/P-F. CORE: LL *Prerequisite: BIOL 105 or equivalent.* Not acceptable for credit in any Biological Sciences major. Professor in charge: J. Opoku-Edusei. Students must pay a $40.00 Laboratory Materials fee.
0101 **(50408)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 10:00am-1:00pm (ZOP 0205) Lab
0102 **(50409)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 1:00pm-4:00pm (ZOP 0205) Lab
0103 **(50410)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 4:00pm-7:00pm (ZOP 0205) Lab
0104 **(50411)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Tu 8:00am-11:00am (ZOP 0205) Lab
0105 **(50412)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Tu 2:00pm-5:00pm (ZOP 0205) Lab
0106 **(50413)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
W 10:00am-1:00pm (ZOP 0205) Lab
0107 **(50414)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
W 1:00pm-4:00pm (ZOP 0205) Lab
0108 **(50415)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
W 4:00pm-7:00pm (ZOP 0205) Lab
0109 **(50416)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Th 8:00am-11:00am (ZOP 0205) Lab
0110 **(50417)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Th 11:00am-2:00pm (ZOP 0205) Lab
0111 **(50418)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Th 2:00pm-5:00pm (ZOP 0205) Lab
0112 **(50419)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
F 10:00am-1:00pm (ZOP 0205) Lab
0113 **(50420)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
F 1:00pm-4:00pm (ZOP 0205) Lab
0114 **(50421)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
M 7:00pm-10:00pm (ZOP 0205) Lab
0115 **(50422)** Opoku-Edusei, J.
MWF 9:00am-9:50am (ZOP 1240)
Tu 11:00am-2:00pm (ZOP 0205) Lab

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8101 **(*****)** Kapp, J.
TuTh 6:00pm-7:15pm (ZOP 1243)
Tu 7:30pm-10:30pm (ZOP 0205) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

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ZOOL210 Animal Diversity; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BIOL 106.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(50434)** Hakenkamp, C.
TuTh 9:30am-10:45am (PLS 1140)
M 11:00am-2:00pm (ZOP 0257) Lab
0102 **(50435)** Hakenkamp, C.
TuTh 9:30am-10:45am (PLS 1140)
M 2:00pm-5:00pm (ZOP 0257) Lab
0103 **(50436)** Hakenkamp, C.
TuTh 9:30am-10:45am (PLS 1140)
Tu 11:00am-2:00pm (ZOP 0257) Lab
0104 **(50437)** Hakenkamp, C.
TuTh 9:30am-10:45am (PLS 1140)
Tu 2:00pm-5:00pm (ZOP 0257) Lab

ZOOL211 Cell Biology and Physiology; (4) REG/P-F/AUD. *Prerequisites: BIOL 105; and CHEM 103.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(50447)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
M 8:30am-11:30am (ZOP 0207) Lab
0102 **(50448)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
M 2:00pm-5:00pm (ZOP 0207) Lab
0103 **(50449)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
M 6:00pm-9:00pm (ZOP 0207) Lab
0104 **(50450)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Tu 8:30am-11:30am (ZOP 0207) Lab
0105 **(50451)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Tu 2:00pm-5:00pm (ZOP 0207) Lab
0106 **(50452)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Tu 6:00pm-9:00pm (ZOP 0207) Lab
0107 **(50453)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
W 8:30am-11:30am (ZOP 0207) Lab
0108 **(50454)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
W 2:00pm-5:00pm (ZOP 0207) Lab
0109 **(50455)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
W 6:00pm-9:00pm (ZOP 0207) Lab
0110 **(50456)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Th 8:30am-11:30am (ZOP 0207) Lab
0111 **(50457)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
Th 2:00pm-5:00pm (ZOP 0207) Lab
0112 **(50458)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
F 8:30am-11:30am (ZOP 0207) Lab
0113 **(50459)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)
F 2:00pm-5:00pm (ZOP 0207) Lab

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8101 **(*****)** Read-Connole, E.
TuTh 6:00pm-7:15pm (ZOP 1250)
Tu 7:30pm-10:30pm (ZOP 0213) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

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ZOOL211M *(PermReq)* **Cell Biology and Physiology; (4)** REG/P-F/AUD. *Prerequisites: BIOL 105; and CHEM 103.* Permission of department required. Credit will be granted for only one of the following: ZOOL 211 or ZOOL 211M. A student is eligible to take this course only if the lab score received in ZOOL 211, the last time it was taken totalled at least 80% of the maximum possible total. These scores will count for part of the grade for ZOOL 211M.
0101 **(50471)** Compton, R.
MWF 12:00pm-12:50pm (ZOP 1240)

ZOOL299 *(PermReq)* **Supplemental Study in Zoology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL308H Honors Seminar; (1) REG/P-F/AUD. Zoology department honors students only.
0101 **(50519)** Dudash, M.
Tu 3:30pm-4:30pm (HJP 1229)

ZOOL309H *(PermReq)* **Honors Independent Study; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in zoology departmental honors program.

ZOOL318H *(PermReq)* **Honors Research; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in zoology departmental honors program.

ZOOL319 *(PermReq)* **Special Problems in Zoology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, permission of instructor and department.

ZOOL326 Biology of Reproduction; (3) REG/P-F/AUD. *Prerequisite: BIOL 105 or permission of department. Also offered as WMST 326. Credit will be granted for only one of the following: ZOOL 326 or WMST 326.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN (non-lab), and GENB.
0101 **(50633)** STAFF
MW 2:00pm-3:15pm (ZOP 1250)

ZOOL328L Selected Topics in Zoology: Developmental Biology Laboratory; (1) REG. Students will be required to spend additional time in the laboratory on Friday of each week for follow up to course experiments. Pre-or co-requisite: ZOOL 430. Applies to Biological Sciences Specialization areas: PHNB (ancillary), ZOOL, CMBG, BGEN and GENB (category A). Students must pay a $40.00 Laboratory Materials fee.
0102 **(50644)** Rivas, R.
Th 1:00pm-5:00pm (PLS 1171) Lab

ZOOL328W Selected Topics in Zoology: Extinct Animals Lab; (2) REG/P-F/AUD. Pre- or co-requisite: ZOOL 396. Applies to Biological Sciences Specialization Areas: ZOOL, EEBB, BEES, MARB, BGEN, and GENB. Students must pay a $40.00 Laboratory Materials fee.
0101 **(50654)** Kent, B.
W 2:00pm-5:00pm (ZOP 0257) Lab
W 10:00am-10:50am (PLS 1117) Dis
0102 **(50655)** Kent, B.
Th 2:00pm-5:00pm (ZOP 0257) Lab
W 10:00am-10:50am (PLS 1117) Dis

ZOOL328Z *(PermReq)* **Selected Topics in Zoology: Field Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the BIOL major requirements.

ZOOL329 *(PermReq)* **Instructional Assistance Practicum; (1-2)** REG. Permission of department only. Credit cannot be applied to the requirements of any Biological Sciences Major.
5107 **(50701)** Compton, R.
Time and room to be arranged

ZOOL360 Principles of Animal Behavior; (3) REG/P-F/AUD. *Prerequisites: BIOL 105 and BIOL 106 and BIOL 222.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, EEBB, MARB, BGEN, BEES, and GENB.
0101 **(50711)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
F 9:00am-9:50am (PLS 1168) Dis
0102 **(50712)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
F 10:00am-10:50am (PLS 1168) Dis
0103 **(50713)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
F 11:00am-11:50am (PLS 1168) Dis
0104 **(50714)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
F 11:00am-11:50am (PLS 1172) Dis

ZOOL381 Natural History of the Chesapeake Bay; (3) REG/P-F/AUD. *Prerequisite: a course in biological sciences or permission of department.* Now acceptable for credit for Biological Sciences majors. Acceptable toward Biological Sciences specialization areas: ZOOL, EEBB, MARB, BGEN (non-lab), BEES and GENB.
0101 **(50724)** Small, E.
MWF 12:00pm-12:50pm (ZOP 1250)

ZOOL382 Chesapeake Bay Laboratory; (2) REG/P-F/AUD. *One hour of lecture, two hours of laboratory, and eight hours of fieldwork per week. Pre- or corequisite: ZOOL 381. Junior standing.* Acceptable toward Biological Science specialization areas: ZOOL, EEBB, MARB, BGEN, BEES, and GENB. Saturday field trips to be arranged. Students must provide their own transportation. Students must pay a $40.00 Laboratory Materials fee.
0101 **(50734)** Small, E.
TuTh 1:00pm-4:00pm (ZOP 0283) Lab

ZOOL396 Biology of Extinct Animals; (3) REG/P-F/AUD. *Prerequisites: BIOL 106 and ZOOL 210.* Applies to Biological Sciences Specialization areas: ZOOL, EEBB, BEES, MARB, BGEN and GENB.
0101 **(50744)** Kent, B.
MWF 8:00am-8:50am (PLS 1140)

ZOOL410 Cell Biology Lectures; (3) REG/P-F/AUD. *Prerequisites: ZOOL 211 and BIOL 222 and CHEM 233. Credit will be granted for only one of the following: ZOOL 410, ZOOL 411 or PBIO 400.* Acceptable toward Biological Sciences specialization areas: PHNB, CMBG, BGEN, and GENB.
0101 **(50754)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)

ZOOL411 Cell Biology; (4) REG/P-F. *Prerequisites: ZOOL 211 and BIOL 222 and CHEM 233. Also offered as PBIO 400. Credit will be granted for only one of the following: ZOOL 410, ZOOL 411 or PBIO 400.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, CMBG, BGEN (lab), and GENB. Students must pay a $40.00 Laboratory Materials fee.
0101 **(50764)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
M 1:00pm-5:00pm (PLS 1171) Lab
0102 **(50765)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
Tu 1:00pm-5:00pm (PLS 1171) Lab
0103 **(50766)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
W 1:00pm-5:00pm (PLS 1171) Lab

ZOOL420 Neurophysiology Lectures; (3) REG/P-F/AUD. *Prerequisites: ZOOL 211 and CHEM 233 and PHYS 122. Credit will be granted for only one of the following: ZOOL 420 or ZOOL 421.* Acceptable toward Biological Sciences specialization area: PHNB, ZOOL, BGEN, (non-lab), and GENB.
0101 **(50777)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)

ZOOL421 Neurophysiology; (4) REG/P-F/AUD. *Prerequisites: ZOOL 211; and CHEM 233; and PHYS 122. Credit will be granted for only one of the following: ZOOL 420 or ZOOL 421.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN, and GENB. Students must pay a $40.00 Laboratory Materials fee.
0101 **(50787)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)
M 2:00pm-5:00pm (ZOP 2223) Lab
0102 **(50788)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)
Tu 2:00pm-5:00pm (ZOP 2223) Lab
0103 **(50789)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)
W 2:00pm-5:00pm (ZOP 2223) Lab
0104 **(50790)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)
Th 2:00pm-5:00pm (ZOP 2223) Lab

ZOOL422 Mammalian Physiology; (4) REG/P-F/AUD. *Prerequisites: ZOOL 211 and CHEM 233 or permission of department.* Applies to Biological Sciences Specialization Areas: PHNB, ZOOL, MARB, BGEN, and GENG. ZOOL 422 is a lecture/discussion format course. The laboratory is offered separately as ZOOL 423.
2201 **(50800)** Sukharev, S.
MWF 10:00am-10:50am (ZOP 1250)
M 11:00am-1:00pm (PLS 1121) Dis
2202 **(50801)** Sukharev, S.
MWF 10:00am-10:50am (ZOP 1250)
Tu 11:00am-1:00pm (PLS 1146) Dis
2203 **(50802)** Sukharev, S.
MWF 10:00am-10:50am (ZOP 1250)
Tu 1:00pm-3:00pm (PLS 1158) Dis
2204 **(50803)** Sukharev, S.
MWF 10:00am-10:50am (ZOP 1250)
W 11:00am-1:00pm (PLS 1168) Dis
2205 **(50804)** Sukharev, S.
MWF 10:00am-10:50am (ZOP 1250)
Th 11:00am-1:00pm (PLS 1146) Dis
2206 **(50805)** Sukharev, S.
MWF 10:00am-10:50am (ZOP 1250)
F 11:00am-1:00pm (PLS 1176) Dis

ZOOL423 Mammalian Physiology Lab; (2) REG/P-F. *Corequisite: ZOOL 422.* Applies to Biological Sciences Specialization Areas: PHNB, ZOOL, BGEN, and GENB. ZOOL 422 is a lecture/discussion format course. The laboratory is offered separately as ZOOL 423. Students must pay a $40.00 Laboratory Materials fee.
2301 **(50815)** Sukharev, S.
M 1:00pm-5:00pm (PLS 1181) Lab
2302 **(50816)** Sukharev, S.
Tu 1:00pm-5:00pm (PLS 1181) Lab
2303 **(50817)** Sukharev, S.
W 1:00pm-5:00pm (PLS 1181) Lab
2304 **(50818)** Sukharev, S.
Th 1:00pm-5:00pm (PLS 1181) Lab

ZOOL430 Developmental Biology; (3) REG/P-F/AUD. *Prerequisites: ZOOL 211 and BIOL 222.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN, GENB and CMBG.
0101 **(50828)** Rivas, R.
TuTh 11:00am-12:15pm (PLS 1130)

ZOOL440 Evolution; (3) REG/P-F/AUD. *Prerequisite: BIOL 106.* Acceptable toward Biological Sciences specialization areas: ZOOL, EEBB, MARB, BGEN, BEES, and GENB.
0101 **(50838)** Chao, L.
TuTh 9:30am-10:45am (ZOP 1236)

ZOOL446 Molecular Genetics; (3) REG/P-F/AUD. *Prerequisites: a course in genetics (e.g. BIOL 222) and CHEM 233.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN, GENB and CMBG.
0101 **(50848)** Imberski, R.
TuTh 11:00am-12:15pm (ZOP 1250)

ZOOL452 Recombinant DNA; (3) REG/P-F/AUD. *Prerequisites: (ZOOL 211 or MICB 200) and BIOL 222.* Acceptable toward Biological Sciences areas: PHNB, CMBG, ZOOL, MICB, BGEN, and GENB.
0101 **(50858)** Tanda, S.
TuTh 9:30am-10:45am (MCB 1207)

ZOOL470 Advanced Population Ecology; (3) REG/P-F/AUD. *Prerequisites: BIOL 106 and MATH 220.* Acceptable toward Biological Sciences specialization areas: ZOOL (EEBB area), EEBB, MARB, BGEN, BEES, and GENB.
0101 **(50868)** Gill, D.
MWF 9:00am-9:50am (ZOP 1243)

ZOOL471 Laboratory and Field Ecology; (2) REG/P-F/AUD. *Pre- or corequisites: ZOOL 470 and a course in statistics.* Acceptable toward Biological Sciences specialization areas: ZOOL, MARB, EEBB, BGEN, BEES, and GENB. Students must pay a $40.00 Laboratory Materials fee.
0101 **(50878)** Gill, D.
F 1:00pm-5:00pm (ZOP 0275) Lab

ZOOL473 Marine Ecology; (3) REG/P-F/AUD. *Prerequisite: ZOOL 210.* Acceptable toward Biological Sciences specialization areas: MARB, ZOOL, BEES, EEBB, GENB, and BGEN.
0101 **(50888)** Reaka-Kudla, M.
TuTh 11:00am-12:15pm (ZOP 1236)

ZOOL608E Zoology Seminar: Topics in Behavior, Evolution and Systematics; (1) REG/AUD.
0101 **(50898)** Via, S.
M 12:00pm-12:50pm (ZOP 1208)

ZOOL608Q Zoology Seminar; (1-2) REG/AUD.
0101 **(50908)** Small, E.
Time and room to be arranged

ZOOL608R *(PermReq)* **Zoology Seminar: Small Populations Seminar: Community Complexity and Assembly Dynamics; (2)** REG.
0101 **(50918)** Palmer, M.
M 1:30pm-3:30pm (ZOP 1236)

ZOOL609 Special Problems in Zoology; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL621 Comparative Physiology; (4) REG/AUD. *Prerequisites: one year of zoology and one year of organic chemistry, and one semester of physiology.*
0101 **(51114)** Pierce, S.
MW 9:00am-9:50am (ZOP 2283)
MW 1:00pm-4:00pm (ZOP 0263) Lab

ZOOL622 Membrane Transport Phenomena; (3) REG/AUD. *Prerequisites: MATH 220 and (ZOOL 211 or ZOOL 411) or permission of instructor.*
0101 **(50958)** Colombini, M.
TuTh 5:00pm-6:15pm (ZOP 1230)

ZOOL652 Recombinant DNA; (3) REG/AUD. *Prerequisites: (ZOOL 211 and BIOL 222) or permission of instructor.*
0101 **(50968)** Tanda, S.
TuTh 9:30am-10:45am (MCB 1207)

ZOOL701 Teaching Zoology; (1) S-F. *For LFSC graduate students only.*
0101 **(50978)** Dietz, J.
Time and room to be arranged

ZOOL708A Advanced Topics in Zoology: Cell Biology Lecture; (3) REG/AUD.
0101 **(50988)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
F 10:00am-10:50am (PLS 1176) Dis

ZOOL708B *(PermReq)* **Advanced Topics in Zoology: Principles of Animal Behavior; (3)** REG/AUD. Prerequisite: permission of instructor.
0101 **(50998)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
Time and room to be arranged Dis

ZOOL708L Advanced Topics in Zoology: Neurophysiology Lecture; (3) REG/AUD. Prerequisites: PHYS 122, CHEM 233, and ZOOL 211.
0101 **(51008)** Payne, R.
TuTh 9:30am-10:45am (ZOP 1250)

ZOOL708P Advanced Topics in Zoology: Marine and Estuarine Protozoa; (4) REG/AUD.
0101 **(51018)** Small, E.
TBA (ZOP 0283) Lab

ZOOL708R Advanced Topics in Zoology: Ecosystem Ecology; (3) REG/AUD. Course will be taught on the Interactive Video Network.
0101 **(51028)** Costanza, R.
TuTh 1:30pm-3:00pm (SKN 0101)

ZOOL708U Advanced Topics in Zoology: Dynamic Modeling of Ecological and Economic Systems; (3) REG/AUD. Prerequisite: Calculus and a course in ecology and/or economics. Course will be taught on the Interactive Video Network.
0101 **(51038)** Costanza, R.
F 2:00pm-5:00pm (SKN 0101)

ZOOL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

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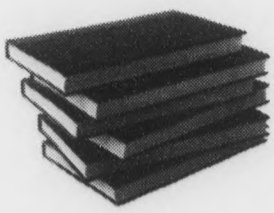

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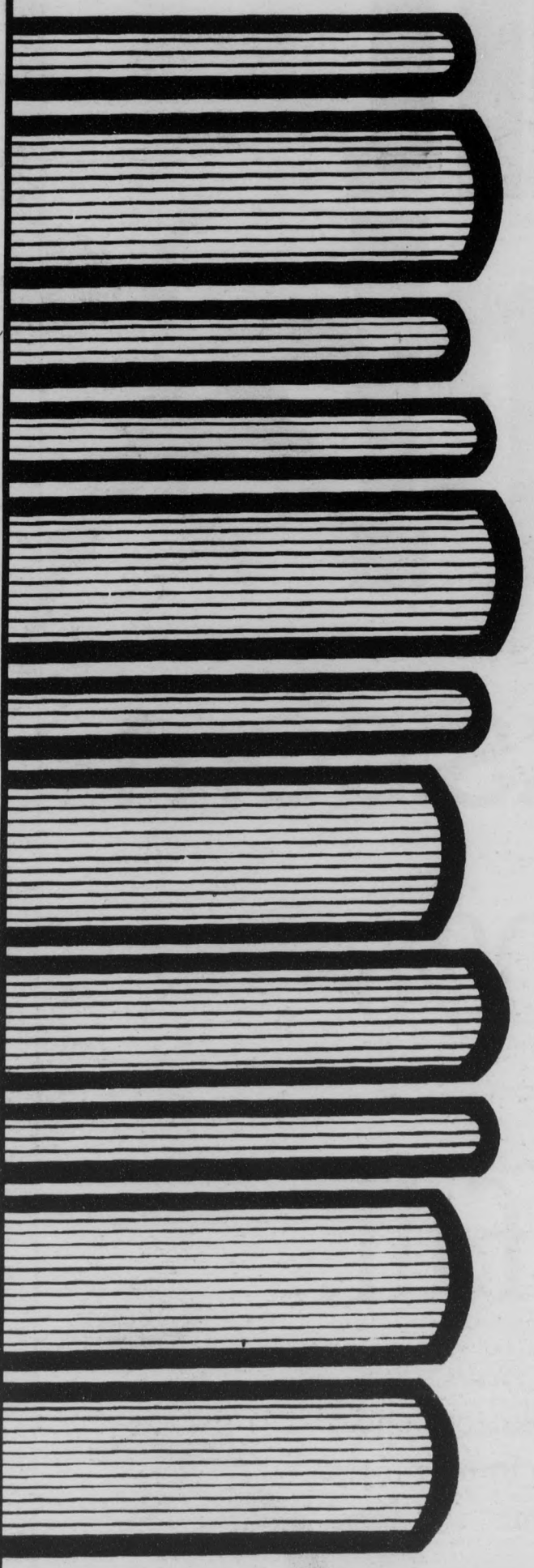

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Sun., Aug. 23	12noon-5pm	Sun., Sept. 6	10am-5pm
Mon.-Thur., Aug. 24-27	10am-7pm	Mon., Sept. 7	12noon-5pm
Fri.-Sat., Aug. 28-29	10am-6pm	Tue.-Thur., Sept. 8-10	9am-7pm
		Fri.-Sat., Sept. 11-12	10am-5pm
Week of August 30th			
Sun., Aug. 30	10am-5pm	**Regular Hours**	
Mon.-Thur., Aug. 31-Sept. 3	9am-8pm	Sunday	12noon-5pm
Fri., Sept. 4	9am-6pm	Mon.-Thur.	10am-6pm
Sat., Sept. 5	10am-5pm	Fri.-Sat.	10am-5pm

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